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JUL 07 2016
ORC
EPA Region 10
Office of the Regional Administrator

June 30, 2016

Via Certified Mail - Return Receipt Requested

Managing Agent
Dawn Foods Products
6901 Fox Avenue S
Seattle, WA 98104

Re: **NOTICE OF INTENT TO SUE UNDER THE CLEAN WATER ACT, NOTICE TO ENFORCE COMPLIANCE WITH CONSENT DECREE AND REQUEST FOR COPY OF STORMWATER POLLUTION PREVENTION PLAN**

Dear Managing Agent:

We represent Waste Action Project, P.O. Box 9281, Covington, WA 98042, (253) 639-7245. Any response or correspondence related to this matter should be directed to us at the letterhead address. This letter is to provide you with sixty days notice of Waste Action Project's intent to file a citizen suit against Dawn Food Products, Inc. ("Dawn Foods") under section 505 of the Clean Water Act ("CWA"), 33 USC § 1365, for the violations described below. This letter is also a request for a copy of the complete and current stormwater pollution prevention plan ("SWPPP") required by Dawn Foods's National Pollution Discharge Elimination System ("NPDES") permit.

As you know, Waste Action Project and Dawn Foods previously stipulated to a consent decree entered by the Western District of Washington on July 16, 2012 addressing prior allegations of Dawn Food's non-compliance with the CWA ("the consent decree"), Case No. 11-cv-01945-RAJ, Dkt. 11. The consent decree set its termination date at six calendar quarters after the date on which Dawn Foods completed all actions required under the consent decree. *See* consent decree, paragraph 13. It is our understanding that because all of the deadlines provided in the consent decree are long past, the consent decree terminated on or about July 31, 2014, approximately six calendar quarters following the last deadline enumerated in the decree. *See* consent decree, paragraph 7(b). However, if the consent decree did not terminate, under paragraph 11 of the consent decree, Dawn Foods and Waste Action Project must hold a meeting to discuss Waste Action Project's dispute within thirty (30) days of this notice, after which Waste Action Project is free to file a motion with the court to resolve the dispute. Thus, in the alternative, this letter provides you with notice of Waste Action Project's request to hold a meeting to discuss Dawn Foods' non-compliance with the consent decree, as required by paragraph 11 of the decree, with respect to the violations described below. Please let us know your position on the termination of the consent decree promptly so that the parties can schedule a timely paragraph 11 conference within thirty days of today if Dawn Foods contends that the consent decree remains in effect. In the absence of such timely assertion by you, Waste Action Project will consider Dawn Foods'

silence as its concurrence with our understanding about the termination of the consent decree and proceed with a newly-filed CWA citizen suit action.

Dawn Foods was granted coverage under Washington's Industrial Stormwater General Permit ("ISGP") issued by the Washington Department of Ecology ("Ecology") on August 21, 2002, effective September 20, 2002, modified on December 1, 2004, reissued on August 15, 2007, effective September 15, 2007, reissued again on October 15, 2008, effective November 15, 2008, and remaining effective through December 31, 2009, under National Pollutant Discharge Elimination System Permit No. SO3-011650 (the "2002 Permit"). Dawn Foods was granted coverage under the subsequent iterations of the Washington Industrial Stormwater General Permit issued by Ecology on October 21, 2009, effective January 1, 2010, modified May 16, 2012, effective July 1, 2012, and remaining in effect through January 1, 2015, under NPDES Permit No. WAR11650 (the "2010 Permit"). Ecology granted coverage under the current iteration of the ISGP, issued by Ecology on December 3, 2014, effective January 2, 2015, and set to expire on December 31, 2019 (the "2015 Permit") and maintains the same permit number, WAR11650.

Dawn Foods has violated and continues to violate the CWA (see Sections 301 and 402 of the CWA, 33 USC §§ 1311 and 1342) and the terms and conditions of the 2010 Permit and the 2015 Permit (collectively, the "Permits") with respect to operations of, and discharges of stormwater and pollutants from, its facility located at or about 6901 Fox Ave. S., Seattle, WA 98108 (the "facility") as described herein. The facility subject to this notice includes any contiguous or adjacent properties owned or operated by Dawn Foods.

I. COMPLIANCE WITH STANDARDS.

A. Violations of Water Quality and Sediment Management Standards.

Condition S10.A of the 2010 Permit prohibits discharges that cause or contribute to violations of water quality and sediment management standards. Water quality standards are the foundation of the CWA and Washington's efforts to protect clean water. In particular, water quality standards represent the U.S. Environmental Protection Agency ("EPA") and Ecology's determination, based on scientific studies, of the thresholds at which pollution starts to cause significant adverse effects on fish or other beneficial uses. For each water body in Washington, Ecology designates the "beneficial uses" that must be protected through the adoption of water quality standards.

A discharger must comply with both narrative and numeric criteria water quality standards. WAC 173-201A-010; WAC 173-201A-510 ("No waste discharge permit can be issued that causes or contributes to a violation of water quality criteria, except as provided for in this chapter."). Narrative water quality standards provide legal mandates that supplement the numeric criteria. Furthermore, the narrative water quality standard applies with equal force even if Ecology has established a numeric water quality standard. Specifically, Condition S7 of the 2002 Permit and Condition S10.A of the 2010 Permit require that Dawn Foods's discharges not cause or contribute to an excursion of Washington State water quality standards.

Dawn Foods discharges to the Duwamish Waterway via a stormwater conveyance system consisting of catch basins and pipes. The Duwamish River does not meet water quality and/or sediment standards for PCBs, Dissolved Oxygen, Bacteria, Dieldrin, High Molecular Weight Polycyclic Aromatic Hydrocarbons (HPAH), and sediment bioassay, among others, and is included on the state's "303(d) list" of impaired water bodies. Dawn Foods discharges stormwater that contains elevated levels of turbidity, zinc and copper as indicated in the table of benchmark exceedances below. On information and belief, Dawn Foods also discharges stormwater that contains elevated level of PCBs. These discharges cause and/or contribute to violations of water quality standards (including sediment management standards, Ch. 173-204 WAC) for PCBs, turbidity, zinc and copper and have occurred each and every day during the last five years on which there was 0.1 inch or more of precipitation, and continue to occur. Violated water quality standards include the narrative criteria and numeric criteria for these toxic pollutants identified at WAC 173-201A-240. Precipitation data from that time period is appended to this notice of intent to sue and identifies these days.

Table 1 - Benchmark Exceedances

Quarter in which sample collected (monitoring point)	Zn Concentration (Benchmark 117 ug/L)	Turbidity (Benchmark 25 NTU)	Cu Concentration (Benchmark 14 ug/L)
1st Quarter 2012 (CB-01)	Avg: 1,290.5	Avg: 820.6	Avg: 155.3
4 th Quarter 2012 (CB-04)	Avg: 1,349.2		Avg: 50.24
3 rd Quarter 2013 (CP)	279		23.6
3 rd Quarter 2013 (CB-06)	423		31.5
3 rd Quarter 2013 (CB-04)	Avg: 188.5		Avg: 17.1
1 st Quarter 2014 (CB-06)	180		
2 nd Quarter 2014 (CP)	500		51
3 rd Quarter 2014 (CP)	720	77.8	78
3 rd Quarter 2014 (CB-06)	600	160	77
3 rd Quarter 2014 (CB-04)	300	93.1	33
4 th Quarter 2014 (CB-06)	240		15
1 st Quarter 2015 (CB-06)	138		
3 rd Quarter 2015			Avg: 39.8

(CP)			
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B. Compliance with Standards.

Condition S10.C of the Permits requires Dawn Foods to apply all known and reasonable methods of prevention, control and treatment ("AKART") to all discharges, including preparation and implementation of an adequate SWPPP and best management practices ("BMPs"). Dawn Foods has violated and continues to violate these conditions by failing to apply AKART to its discharges or to implement an adequate SWPPP and BMPs as evidenced by the elevated levels of pollutants in its discharge indicated in the table above and as described below in this notice of intent to sue.

Condition S1.A of the Permits require that all discharges and activities authorized be consistent with the terms and conditions of the permits. Dawn Foods has violated these conditions by discharging and acting inconsistent with the conditions of the Permits as described in this Notice of Intent to Sue.

II. STORMWATER POLLUTION PREVENTION PLAN VIOLATIONS.

Dawn Foods has not developed and implemented a SWPPP that complies with the requirements of the Permits, in violation of the Clean Water Act. Condition S3.A.1 of the Permits require Dawn Foods to develop and implement a SWPPP as specified. Condition S3.A.2 of the Permits require the SWPPP to specify BMPs necessary to provide AKART and ensure that discharges do not cause or contribute to violations of water quality standards. On information and belief, Dawn Foods has violated these requirements of the Permits each and every day during the last five years and continues to violate them as it has failed to prepare and/or implement a SWPPP that includes AKART BMPs and BMPs necessary to comply with state water quality standards.

Condition S3.A of the Permits require Dawn Foods to have and implement a SWPPP that is consistent with permit requirements, fully implemented as directed by permit conditions, and updated as necessary to maintain compliance with permit conditions. On information and belief, Dawn Foods has violated these requirements of the Permits each and every day during the last five years and continues to violate them because its SWPPP is not consistent with permit requirements, has not been fully implemented and has not been updated as necessary.

The SWPPP fails to satisfy the requirements of Condition S3 of the Permits because it does not adequately describe BMPs. Condition S3.B.4 of the Permits require that the SWPPP include a description of the BMPs that are necessary for the facility to eliminate or reduce the potential to contaminate stormwater. Condition S3.B.4 of the 2015 Permit requires that the SWPPP detail how and where the selected BMPs will be implemented. Condition S3.A.3 of the Permits require that the SWPPP include BMPs consistent with approved stormwater technical manuals or document how stormwater BMPs included in the SWPPP are demonstratively equivalent to the practices contained in the approved stormwater technical manuals, including the proper selection, implementation, and maintenance of all applicable

and appropriate BMPs. Dawn Foods's SWPPP does not comply with these requirements because it does not adequately describe BMPs, including the schedule/frequency of certain BMPs, and does not include BMPs consistent with approved stormwater technical manuals nor does it include BMPs that are demonstratively equivalent to such BMPs with documentation of BMP adequacy.

Dawn Foods's SWPPP fails to satisfy the requirements of Condition S3.B.2 of the Permits because it fails to include a facility assessment as mandated and with the requisite detail. The SWPPP fails to include an adequate facility assessment because it does not describe with sufficient specificity the industrial activities conducted at the site, including an inventory of surfaces composed of materials that may be mobilized by stormwater such as galvanized surfaces (*see* Condition S3.B.2.b.viii of the Permits), among others.

Dawn Foods's SWPPP fails to satisfy the requirements of Condition S3.B.1 of the Permits because it does not include a site map that delineates drainage areas for each stormwater collection point, areas of pollutant contact associated with specific industrial activities, conditionally approved non-stormwater discharges, areas of existing and potential soil erosion, and lands and waters adjacent to the site that may be helpful in identifying discharge points or drainage routes.

Condition S3.B.4 of the Permits requires that permittees include in their SWPPPs and implement certain mandatory BMPs unless site conditions render the BMP unnecessary, infeasible, or an alternative and equally effective BMP are provided. Dawn Foods is in violation of this requirement because it has failed to include in its SWPPP and implement the mandatory BMPs of the Permits.

Dawn Foods's SWPPP does not comply with Condition S3.B.4.b.i of the Permits because it does not include required operational source control BMPs in the following categories: good housekeeping (including definition of ongoing maintenance and cleanup of areas that may contribute pollutants to stormwater discharges, and a schedule/frequency for each housekeeping task); preventive maintenance (including BMPs to inspect and maintain stormwater drainage, source controls, treatment systems, and plant equipment and systems, and the schedule/frequency for each task); inspections and recordkeeping (including documentation of procedures to ensure compliance with permit requirements for inspections and recordkeeping, including identification of personnel who conduct inspections, provision of a tracking or follow-up procedure to ensure that a report is prepared and appropriate action taken in response to visual monitoring, definition of how Dawn Foods will comply with signature and record retention requirements, and certification of compliance with the SWPPP and Permit).

Dawn Foods's SWPPP does not comply with Condition S3.B.4.b.ii of the Permits because it does not include required structural source control BMPs to minimize the exposure of manufacturing, processing, and material storage areas to rain, snow, snowmelt, and runoff, including but not limited to painting or coating of silos and galvanized surfaces that are located outdoors. Dawn Foods's SWPPP does not comply with Condition S3.B.4.b.iii of the Permits because it does not include treatment BMPs as required.

Dawn Foods's SWPPP fails to satisfy the requirements of Condition S3.B.5 of the Permits because it fails to include a stormwater sampling plan as required. The SWPPP does not include a sampling plan that documents why each discharge point is not sampled, and identifies staff responsible for conducting stormwater sampling.

III. MONITORING AND REPORTING VIOLATIONS.

A. Failure to Collect Quarterly Samples.

Condition S4.B of the Permits require Dawn Foods to collect a sample of its stormwater discharge once during every calendar quarter. Conditions S3.B.5.b and S4.B.2.c of the Permits require Dawn Foods to collect stormwater samples at each distinct point of discharge offsite except for substantially identical outfalls, in which case only one of the substantially identical outfalls must be sampled. These conditions set forth sample collection criteria, but require the collection of a sample even if the criteria cannot be met. On information and belief, Dawn Foods has at least three distinct points for stormwater sampling. Dawn Foods previously designated three points for stormwater sampling, catch basin ("CB") 4, CB-6 and "collection point" ("CP") and lacks justification to remove any of those points as sampling locations.

Dawn Foods violated these requirements by failing to collect stormwater samples at two of its three designated sampling locations (sampling locations CB-4 and CB-6) during the second quarter of 2013, second quarter of 2014, second quarter of 2015, third quarter of 2015, fourth quarter of 2015 and first quarter of 2016. CB-4 and CB-6 are distinct points that are not substantially identical to other discharge locations. Dawn Foods also violated these requirements by failing to collect stormwater samples at its third designated sampling location (sampling location CP) during the second quarter of 2013. These violations have occurred and continue to occur each and every quarter during the last five years that Dawn Foods was and is required to sample its stormwater discharges, including the quarters in which it collected stormwater discharge samples from some, but not each, point of discharge. These violations will continue until Dawn Foods commences monitoring all distinct points of discharge.

B. Failure to Timely Submit Discharge Monitoring Reports and All Monitoring Data.

Condition S9.A of the Permits require Dawn Foods to use DMR forms provided or approved by Ecology to summarize, report and submit monitoring data to Ecology. For each monitoring period (calendar quarter) a DMR must be completed and submitted to Ecology not later than 45 days after the end of the monitoring period. Dawn Foods has violated these conditions by failing to submit a DMR for sample points CB-04 and CB-06 within the time prescribed for the second quarter of 2015, third quarter of 2015, fourth quarter of 2015 and first quarter of 2016.

If Dawn Foods samples any pollutant at a sample point more frequently than required by the Permits, including the required monthly samples under paragraph 7.b of the consent decree, Condition S9.D of the Permits require Dawn Foods to report all such data on the corresponding DMR for that monitoring period. Dawn Foods did not report all the monthly sample results for any of its sample points for third quarter 2012 and fourth quarter 2012, in violation of this permit condition.

C. Failure to Analyze Quarterly Samples.

Condition S5.B and Table 3 of the Permits require Dawn Foods to analyze its stormwater samples for BOD₅, Nitrate + Nitrite Nitrogen, as N, and Phosphorus. Condition S6.C.2.e and Table 7 of the 2015 Permit require Dawn Foods to analyze its stormwater samples for TSS. Condition S6.C of the Permits and Table 5 of the 2010 Permit and Table 6 of the 2015 Permit also require Dawn Foods to analyze its stormwater samples for TSS and require Dawn Foods to analyze for fecal coliform.

Dawn Foods violated these conditions by failing to analyze stormwater samples as described in Table 2 below:

Table 2 – Parameters Not Analyzed

Monitoring Period	Parameters Not Analyzed
3 rd Quarter 2012	TSS, Fecal Coliform
4 th Quarter 2012	TSS, Fecal Coliform
1 st Quarter 2013	TSS, Fecal Coliform
2 nd Quarter 2013	TSS, Fecal Coliform
3 rd Quarter 2013	TSS, Fecal Coliform
4 th Quarter 2013	TSS, Fecal Coliform
1 st Quarter 2014	TSS, Fecal Coliform
2 nd Quarter 2014	TSS, Fecal Coliform
3 rd Quarter 2014	TSS, Fecal Coliform
4 th Quarter 2014	TSS, Fecal Coliform
1 st Quarter 2015	Fecal Coliform
2 nd Quarter 2015	Fecal Coliform
3 rd Quarter 2015	Fecal Coliform
4 th Quarter 2015	Fecal Coliform
1 st Quarter 2016	Fecal Coliform

D. Failure to Comply with Visual Monitoring Requirements.

Condition S7.A of the Permits require that monthly visual inspection be conducted at the facility by qualified personnel. Each inspection is to include observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged, observations for the presence of floating materials, visible oil sheen, discoloration, turbidity, odor, etc. in the stormwater discharges, observations for the presence of illicit discharges, a verification that the descriptions of potential pollutant sources required by the permit are accurate, a verification that the site map in the SWPPP reflects current

conditions, and an assessment of all BMPs that have been implemented (noting the effectiveness of the BMPs inspected, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, and locations where additional of different BMPs are needed).

Condition S7.C of the Permits require that Dawn Foods record the results of each inspection in an inspection report or checklist that is maintained on-site and that documents the observations, verifications, and assessments required. The report/checklist must include the time and date of the inspection, the locations inspected, a statement that, in the judgment of the person conducting the inspection and the responsible corporate officer, the facility is either in compliance or out of compliance with the SWPPP and the Permits, a summary report and schedule of implementation of the remedial actions that Dawn Foods plans to take if the site inspection indicates that the facility is out of compliance, the name, title, signature and certification of the person conducting the facility inspection, and a certification and signature of the responsible corporate officer or a duly authorized representative.

Dawn Foods is in violation of these requirements of Condition S7 of the Permits because, during the last five years, it has failed to conduct each of the requisite visual monitoring and inspections, failed to prepare and maintain the requisite inspection reports or checklists, and failed to make the requisite certifications and summaries.

IV. CORRECTIVE ACTION VIOLATIONS.

A. Violations of the Level One Requirements of the Permits.

Condition S8.B of the Permits require Dawn Foods take specified actions, called a "Level One Corrective Action," each time quarterly stormwater sample results exceed a benchmark value or are outside the benchmark range for pH.

As described by Condition S8.B of the Permits, a Level One Corrective Action requires Dawn Foods: (1) review the SWPPP for the facility and ensure that it fully complies with Condition S3 of the Permits and contains the correct BMPs from the applicable Stormwater Management Manual; (2) make appropriate revisions to the SWPPP to include additional operational source control BMPs with the goal of achieving the applicable benchmark values in future discharges and sign and certify the revised SWPPP in accordance with Condition S3.A.6 of the Permits; and (3) summarize the Level One Corrective Action in the Annual Report required under Condition S9.B of the Permits. Condition S8.B.4 of the Permits require Dawn Foods implement the revised SWPPP as soon as possible, and no later than the DMR due date for the quarter the benchmark was exceeded.

Condition S5.A and Table 2 of the Permits establish the following benchmarks: turbidity 25 NTU; pH 5 – 9 SU; total copper 14 µg/L; and total zinc 117 µg/L. Condition S5.B and Table 3 of the Permits establish the following additional benchmarks that are applicable to Dawn Foods: BOD₅ – 30 mg/L; Nitrate + Nitrite Nitrogen, as N – 0.68 mg/L; Phosphorus – 2.0 mg/L. Condition S6.C.2.e and Table 7 of the 2015 Permit establish the following additional benchmarks that are applicable to Dawn Foods: TSS – 30 mg/L.

Condition S6.C of the Permits and Table 5 of the 2010 Permit and Table 6 of the 2015 Permit establish an additional benchmark for TSS of 30 mg/L and also require Dawn Foods to analyze and submit monitoring data for fecal coliform.

Dawn Foods has violated the requirements of the Permits described above by failing to conduct a Level One Corrective Action in accordance with permit conditions, including the required review, revision and certification of the SWPPP, the required implementation of additional BMPs, and the required summarization in the annual report each time since January 1, 2010, its quarterly stormwater sampling results were greater than a benchmark or outside the benchmark range for pH, including the benchmark exceedances listed in Table 1 above.

B. Violations of the Level Two Requirements of the Permits.

Condition S8.C of the Permits require Dawn Foods take specified actions, called a "Level Two Corrective Action," each time quarterly stormwater sample results exceed an applicable benchmark value or are outside the benchmark range for pH for any two quarters during a calendar year.

As described by Condition S8.C of the Permits, a Level Two Corrective Action requires Dawn Foods: (1) review the SWPPP for the facility and ensure that it fully complies with Condition S3 of the Permits; (2) make appropriate revisions to the SWPPP to include additional structural source control BMPs with the goal of achieving the applicable benchmark value(s) in future discharges and sign and certify the revised SWPPP in accordance with Condition S3.A.6 of the Permits; and (3) summarize the Level Two Corrective Action (planned or take) in the Annual Report required under Condition S9.B of the Permits. Condition S8.C.4 of the Permits require Dawn Foods implement the revised SWPPP according to condition S3 of the Permits and the applicable stormwater management manual as soon as possible, and no later than September 30th of the following year.

The Permits establish the benchmarks applicable to Dawn Foods described in section IV.A of this notice of intent to sue letter.

Dawn Foods has violated the requirements of the Permits described above by failing to conduct a Level Two Corrective Action in accordance with permit conditions, including the required review, revision and certification of the SWPPP, the required implementation of additional BMPs, including additional structural source control BMPs, and the required summarization in the annual report each time since January 1, 2010, its quarterly stormwater sampling results were greater than a benchmark or outside the benchmark range for pH for any two quarters during a calendar year. As indicated in Table 1 above, these violations include, but are not limited to, Dawn Foods's failure to fulfill these obligations for zinc triggered by its stormwater sampling during calendar years 2013 and 2014, for copper triggered by its stormwater sampling during calendar years 2012, 2013 and 2014.

C. Violations of the Level Three Requirements of the Permits.

Condition S8.D of the Permits require Dawn Foods take specified actions, called a "Level Three Corrective Action," each time quarterly stormwater sample results exceed an applicable benchmark value or are outside the benchmark range for pH for any three quarters during a calendar year.

As described by Condition S8.D of the Permits, a Level Three Corrective Action requires Dawn Foods: (1) review the SWPPP for the facility and ensure that it fully complies with Condition S3 of the Permits; (2) make appropriate revisions to the SWPPP to include additional treatment BMPs with the goal of achieving the applicable benchmark value(s) in future discharges and additional operational and/or structural source control BMPs if necessary for proper function and maintenance of treatment BMPs, and sign and certify the revised SWPPP in accordance with Condition S3.A.6 of the 2010 Permit; and (3) summarize the Level Three Corrective Action (planned or take) in the Annual Report required under Condition S9.B of the Permits, including information on how monitoring, assessment, or evaluation information was (or will be) used to determine whether existing treatment BMPs will be modified/enhanced, or if new/additional treatment BMPs will be installed. Condition S8.D.2.b of the Permits require that a licensed professional engineer, geologist, hydrogeologist, or certified professional in storm water quality must design and stamp the portion of the SWPPP that addresses stormwater treatment structures or processes.

Condition S8.D.3 of the Permits require that, before installing BMPs that require the site-specific design or sizing of structures, equipment, or processes to collect, convey, treat, reclaim, or dispose of industrial stormwater, the Dawn Foods submit an engineering report, plans, and specifications, and an operations and maintenance manual to Ecology for review in accordance with chapter 173-204 of the Washington Administrative Code. The engineering report must be submitted no later than the May 15 prior to the Level Three Corrective Action Deadline. The plans and specifications and the operations and maintenance manual must be submitted to Ecology at least 30 days before construction/installation.

Condition S8.D.5 of the Permits require Dawn Foods to fully implement the revised SWPPP according to condition S3 of the Permits and the applicable stormwater management manual as soon as possible, and no later than September 30th of the following year.

The Permits establish the benchmarks applicable to Dawn Foods described in section IV.A of this notice of intent to sue letter.

Dawn Foods has violated the requirements of the Permits described above by failing to conduct a Level Three Corrective Action in accordance with permit conditions, including the required review, revision and certification of the SWPPP, including the requirement to have a specified professional design and stamp the portion of the SWPPP pertaining to treatment, the required implementation of additional BMPs, including additional treatment BMPs, the required submission of an engineering report, plans, specifications, and an operations and maintenance plan, and the required summarization in the annual report each time since January 1, 2010, its quarterly stormwater sampling results were greater than a benchmark or

outside the benchmark range for pH for any three quarters during a calendar year. As indicated in Table 1 above, these violations include, but are not limited to, Dawn Foods's failure to fulfill these obligations for zinc triggered by its stormwater sampling during calendar year 2014.

V. VIOLATIONS OF THE ANNUAL REPORT REQUIREMENTS.

Condition S9.B of the Permits require Dawn Foods to submit an accurate and complete annual report to Ecology no later than May 15 of each year. The annual report must include corrective action documentation as required in Condition S8.B – D. If a corrective action is not yet completed at the time of submission of the annual report, Dawn Foods must describe the status of any outstanding corrective action. Specific information to be included in the annual report is identification of the conditions triggering the need for corrective action, description of the problem and identification of dates discovered, summary of any Level 1, 2, or 3 corrective actions completed during the previous calendar year, including the dates corrective actions completed, and description of the status of any Level 2 or 3 corrective actions triggered during the previous calendar year, including identification of the date Dawn Foods expects to complete corrective actions.

Dawn Foods has violated this condition. The annual report submitted by Dawn Foods for 2012 (in May 2013) does not provide a description of additional structural source control BMPs Dawn Foods implemented or plans to implement as part of its Level Two Corrective Action. The annual report submitted by Dawn Foods for 2014 (in May 2015) does not provide a description of additional structural source control BMPs or additional treatment BMPs Dawn Foods implemented or plans to implement as part of its Level Two and Level Three Corrective Actions.

VI. VIOLATIONS OF THE RECORDKEEPING REQUIREMENTS.

A. Failure to Record Information.

Condition S4.B.3 of the Permits require Dawn Foods to record and retain specified information for each stormwater sample taken, including the sample date and time, a notation describing if Dawn Foods collected the sample within the first 30 minutes of stormwater discharge event, an explanation of why Dawn Foods could not collect a sample within the first 30 minutes of a stormwater discharge event, the sample location, method of sampling and of preservation, and the individual performing the sampling. Upon information and belief, Dawn Foods is in violation of these conditions as it has not recorded each of these specified items for each sample taken during the last five years.

B. Failure to Retain Records.

Condition S9.C of the Permits require Dawn Foods to retain for a minimum of five years a copy of the Permits, a copy of Dawn Foods's coverage letter, records of all sampling information, inspection reports including required documentation, any other documentation of compliance with permit requirements, all equipment calibration records, all BMP

maintenance records, all original recordings for continuous sampling instrumentation, copies of all laboratory results, copies of all required reports, and records of all data used to complete the application for the Permits. Upon information and belief, Dawn Foods is in violation of these conditions because it has failed to retain records of such information, reports, and other documentation during the last five years.

VII. REQUEST FOR SWPPP.

Pursuant to Condition S9.F of the Permits, Waste Action Project hereby requests that Dawn Foods Product provide a copy of, or access to, its SWPPP complete with all incorporated plans, monitoring reports, checklists, and training and inspection logs. The copy of the SWPPP and any other communications about this request should be directed to the undersigned at the letterhead address.

Should Dawn Foods fail to provide the requested complete copy of, or access to, its SWPPP as required by Condition S9.F of the Permits, it will be in violation of that condition, which violation shall also be subject to this notice of intent to sue and any ensuing lawsuit.

VIII. CONCLUSION.

The above-described violations reflect those indicated by the information currently available to Waste Action Project. These violations are ongoing. Waste Action Project intends to sue for all violations, including those yet to be uncovered and those committed after the date of this Notice of Intent to Sue. In the alternative, Waste Action Project intends to file a motion with the Western District of Washington to resolve these disputes regarding Dawn Foods' failure to comply with the consent decree.

Under Section 309(d) of the CWA, 33 USC § 1319(d), each of the above-described violations subjects the violator to a penalty of up to \$37,500 per day for each violation. In addition to civil penalties, Waste Action Project will seek injunctive relief to prevent further violations under Sections 505(a) and (d) of the CWA, 33 USC § 1365(a) and (d), and such other relief as is permitted by law. Also, Section 505(d) of the CWA, 33 USC § 1365(d), permits prevailing parties to recover costs, including attorney's fees.

Waste Action Project believes that this NOTICE OF INTENT TO SUE sufficiently states grounds for filing suit. We intend, at the close of the 60-day notice period, or shortly thereafter, to file a citizen suit against Dawn Food Products, Inc. under Section 505(a) of the Clean Water Act for violations. Moreover, if we do not hear from you promptly and no more than 30 days from the date of this letter, we will interpret your silence as your agreement that the consent decree terminated on or about July 31, 2014.

During the 60-day notice period, we would be willing to discuss effective remedies for the violations addressed in this letter and settlement terms. If you wish to pursue such discussions in the absence of litigation, we suggest that you initiate those discussions within 10 days of receiving this notice so that a meeting can be arranged and so that negotiations

may be completed promptly. We do not intend to delay the filing of a complaint if discussions are continuing when the notice period ends.

Very truly yours,

SMITH & LOWNEY, PLLC

By:



Richard Smith
Marc Zemel

cc: Gina McCarthy, Administrator, U.S. EPA
Dennis McLerran, Region 10 Administrator, U.S. EPA
Maia Bellon, Director, Washington Department of Ecology
CT Corporation System, Registered Agent (505 Union Ave SE, Suite 120, Olympia,
WA 98501)
Fredric P. Andes, Barnes & Thornburg LLP, One N. Wacker Drive, Suite 4400,
Chicago, IL 60606-2833
Dawn Foods Products, Inc., Attn: Legal Department, 3333 Sargent Road, Jackson, MI
49201

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2011	6	1	59	51		0.24												
	2011	6	2	62	50		0.25												
	2011	6	3	68	48		0.00												
	2011	6	4	75	52		0.00												
	2011	6	5	74	53		0.00												
	2011	6	6	71	53		0.00												
	2011	6	7	60	52		0.10												
	2011	6	8	62	52		T												
	2011	6	9	68	52		0.00												
	2011	6	10	64	54		0.00												
	2011	6	11	65	54		0.00												
	2011	6	12	69	48		T												
	2011	6	13	68	53		0.03												
	2011	6	14	63	51		0.01												
	2011	6	15	62	49		0.10												
	2011	6	16	66	47		0.00												
	2011	6	17	70	50		0.00												
	2011	6	18	58	54		0.31												
	2011	6	19	63	53		0.03												
	2011	6	20	70	55		T												
	2011	6	21	78	54		0.00												
	2011	6	22	68	53		0.00												
	2011	6	23	65	50		0.01												
	2011	6	24	66	52		0.18												
	2011	6	25	65	53		0.00												
	2011	6	26	72	49		0.00												
	2011	6	27	70	59		T												
	2011	6	28	72	58		0.00												
	2011	6	29	68	55		0.00												
	2011	6	30	67	53		0.00												
Summary				67	52		1.26		0										

The *** flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation. Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.
Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2011	7	1	71	51		0.00												
	2011	7	2	80	53		0.00												
	2011	7	3	71	56		T												
	2011	7	4	76	52		0.00												
	2011	7	5	78	55		0.00												
	2011	7	6	80	59		0.00												
	2011	7	7	68	55		0.01												
	2011	7	8	68	53		T												
	2011	7	9	72	52		0.00												
	2011	7	10	75	56		0.00												
	2011	7	11	73	57		T												
	2011	7	12	70	58		0.09												
	2011	7	13	72	56		0.01												
	2011	7	14	64	57		T												
	2011	7	15	73	57		0.04												
	2011	7	16	73	58		0.33												
	2011	7	17	63	57		0.06												
	2011	7	18	73	53		0.00												
	2011	7	19	66	57		0.00												
	2011	7	20	73	56		0.00												
	2011	7	21	70	58		T												
	2011	7	22	72	52		0.00												
	2011	7	23	76	55		0.00												
	2011	7	24	82	58		0.00												
	2011	7	25	67	58		0.33												
	2011	7	26	70	58		0.00												
	2011	7	27	73	57		T												
	2011	7	28	77	55		0.00												
	2011	7	29	76	60		0.00												
	2011	7	30	80	57		0.00												
	2011	7	31	71	57		0.00												
			Summary	73	56		0.87		0										

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation
Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Move me nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2011	8	1	76	54		0.00												
	2011	8	2	77	56		0.00												
	2011	8	3	78	60		0.00												
	2011	8	4	79	59		0.00												
	2011	8	5	67	59		T												
	2011	8	6	74	59		0.00												
	2011	8	7	76	60		T												
	2011	8	8	71	55		0.00												
	2011	8	9	69	56		0.00												
	2011	8	10	72	56		0.00												
	2011	8	11	74	55		0.00												
	2011	8	12	76	55		T												
	2011	8	13	71	54		0.00												
	2011	8	14	72	58		0.00												
	2011	8	15	74	59		T												
	2011	8	16	77	52		0.00												
	2011	8	17	78	53		0.00												
	2011	8	18	73	55		0.00												
	2011	8	19	77	54		0.00												
	2011	8	20	82	57		0.00												
	2011	8	21	87	60		0.00												
	2011	8	22	71	62		0.09												
	2011	8	23	78	61		0.00												
	2011	8	24	83	59		0.00												
	2011	8	25	82	61		0.00												
	2011	8	26	81	62		0.00												
	2011	8	27	81	59		0.00												
	2011	8	28	79	56		0.00												
	2011	8	29	73	58		0.00												
	2011	8	30	71	55		T												
	2011	8	31	69	54		0.00												
	Summary			76	57		0.09		0										

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information

151 Patton Avenue

Asheville, North Carolina 28801

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2011	9	1	74	50		0.00												
	2011	9	2	70	57		0.00												
	2011	9	3	77	55		0.00												
	2011	9	4	83	51		0.00												
	2011	9	5	80	53		0.00												
	2011	9	6	81	56		0.00												
	2011	9	7	79	56		0.00												
	2011	9	8	83	59		0.00												
	2011	9	9	82	58		0.00												
	2011	9	10	80	58		0.00												
	2011	9	11	83	59		0.00												
	2011	9	12	70	58		0.00												
	2011	9	13	66	59		0.00												
	2011	9	14	68	60		0.00												
	2011	9	15	66	57		0.00												
	2011	9	16	66	53		0.00												
	2011	9	17	63	52		0.21												
	2011	9	18	68	53		0.16												
	2011	9	19	69	54		0.04												
	2011	9	20	77	49		0.00												
	2011	9	21	76	59		0.00												
	2011	9	22	76	62		T												
	2011	9	23	81	64		0.00												
	2011	9	24	78	60		0.00												
	2011	9	25	67	55		0.24												
	2011	9	26	63	53		0.50												
	2011	9	27	66	51		0.04												
	2011	9	28	65	48		0.01												
	2011	9	29	76	47		0.00												
	2011	9	30	65	53		0.02												
Summary				73	55		1.22		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2011	10	1	61	52		0.00												
	2011	10	2	65	51		0.18												
	2011	10	3	63	52		0.07												
	2011	10	4	63	48		0.06												
	2011	10	5	56	50		0.16												
	2011	10	6	58	50		0.17												
	2011	10	7	60	53		0.00												
	2011	10	8	65	46		0.01												
	2011	10	9	61	51		0.06												
	2011	10	10	60	51		0.22												
	2011	10	11	60	53		0.69												
	2011	10	12	61	48		0.01												
	2011	10	13	59	44		0.00												
	2011	10	14	57	49		0.01												
	2011	10	15	56	43		0.00												
	2011	10	16	52	43		0.00												
	2011	10	17	59	41		0.00												
	2011	10	18	64	47		0.00												
	2011	10	19	61	47		T												
	2011	10	20	58	48		0.01												
	2011	10	21	60	50		0.02												
	2011	10	22	62	54		0.38												
	2011	10	23	59	50		0.00												
	2011	10	24	57	44		0.02												
	2011	10	25	56	38		0.00												
	2011	10	26	51	36		0.01												
	2011	10	27	55	41		0.00												
	2011	10	28	54	43		0.38												
	2011	10	29	56	44		0.00												
	2011	10	30	60	42		0.14												
	2011	10	31	54	40		0.00												
	Summary			59	47		2.60		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2011	11	1	52	35		0.00												
	2011	11	2	53	30		0.42												
	2011	11	3	52	42		0.00												
	2011	11	4	46	34		0.07												
	2011	11	5	51	34		0.00												
	2011	11	6	49	28		0.00												
	2011	11	7	50	38		0.03												
	2011	11	8	56	41		0.00												
	2011	11	9	62	44		T												
	2011	11	10	60	37		0.00												
	2011	11	11	51	35		0.30												
	2011	11	12	50	31		0.15												
	2011	11	13	50	41		0.09												
	2011	11	14	48	34		0.00												
	2011	11	15	48	30		0.00												
	2011	11	16	53	31		0.38												
	2011	11	17	50	37		0.10												
	2011	11	18	41	32		0.01												
	2011	11	19	43	29		0.00												
	2011	11	20	40	28		0.00												
	2011	11	21	51	33		0.42												
	2011	11	22	53	42		1.82												
	2011	11	23	55	41		0.99												
	2011	11	24	45	37		0.35												
	2011	11	25	48	34		0.00												
	2011	11	26	51	40		0.03												
	2011	11	27	56	45		0.33												
	2011	11	28	48	35		T												
	2011	11	29	45	36		0.05												
	2011	11	30	47	41		T												
			Summary	50	36		5.54		0										

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"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
	2011	12	1	42	35		T													
	2011	12	2	44	30		0.01													
	2011	12	3	40	29		0.00													
	2011	12	4	45	29		0.00													
	2011	12	5	42	27		0.00													
	2011	12	6	40	30		0.00													
	2011	12	7	43	36		0.00													
	2011	12	8	42	35		0.00													
	2011	12	9	42	28		0.00													
	2011	12	10	40	29		0.01													
	2011	12	11	42	37		0.05													
	2011	12	12	40	29		0.00													
	2011	12	13	41	30		0.00													
	2011	12	14	42	33		0.01													
	2011	12	15	44	38		0.03													
	2011	12	16	50	34		0.00													
	2011	12	17	51	30		T													
	2011	12	18	48	38		0.15													
	2011	12	19	47	37		0.00													
	2011	12	20	45	38		0.00													
	2011	12	21	46	30		0.00													
	2011	12	22	39	25		0.00													
	2011	12	23	50	34		0.01													
	2011	12	24	54	39		0.01													
	2011	12	25	50	37		0.04													
	2011	12	26	44	36		0.04													
	2011	12	27	52	40		0.75													
	2011	12	28	54	50		0.47													
	2011	12	29	51	44		0.22													
	2011	12	30	50	34		0.01													
	2011	12	31	44	32		0.00													
			Summary	45	34		1.81		0											

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation. Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	1	1	55	40		0.00													
	2012	1	2	51	36		0.57													
	2012	1	3	54	43		0.03													
	2012	1	4	54	40		0.65													
	2012	1	5	50	36		0.08													
	2012	1	6	41	37		0.04													
	2012	1	7	46	37		T													
	2012	1	8	49	37		0.00													
	2012	1	9	50	42		0.17													
	2012	1	10	45	35		0.06													
	2012	1	11	45	27		0.00													
	2012	1	12	44	26		0.00													
	2012	1	13	41	25		0.00													
	2012	1	14	42	35		0.13													
	2012	1	15	37	25		0.23													
	2012	1	16	36	27		0.08													
	2012	1	17	40	33		0.08													
	2012	1	18	34	28		0.44													
	2012	1	19	30	28		0.43													
	2012	1	20	41	30		0.50													
	2012	1	21	48	37		0.06													
	2012	1	22	45	34		0.29													
	2012	1	23	48	32		T													
	2012	1	24	52	36		0.24													
	2012	1	25	49	41		0.41													
	2012	1	26	49	32		0.30													
	2012	1	27	45	27		0.00													
	2012	1	28	45	32		T													
	2012	1	29	50	38		0.67													
	2012	1	30	50	44		0.11													
	2012	1	31	50	43		0.04													
Summary				46	34		5.61		0											

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

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Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	2	1	49	36		0.52												
	2012	2	2	48	36		0.00												
	2012	2	3	60	32		0.00												
	2012	2	4	60	32		0.00												
	2012	2	5	54	32		0.00												
	2012	2	6	61	30		0.00												
	2012	2	7	61	38		T												
	2012	2	8	51	42		0.10												
	2012	2	9	51	43		0.11												
	2012	2	10	56	44		0.09												
	2012	2	11	50	43		0.01												
	2012	2	12	48	42		0.04												
	2012	2	13	47	42		0.44												
	2012	2	14	44	33		0.04												
	2012	2	15	46	33		0.00												
	2012	2	16	46	37		0.04												
	2012	2	17	52	42		0.44												
	2012	2	18	46	39		0.22												
	2012	2	19	45	35		0.00												
	2012	2	20																
	2012	2	21	51	35		T												
	2012	2	22	53	38		0.22												
	2012	2	23	48	38		0.00												
	2012	2	24	46	40		0.49												
	2012	2	25	45	35		0.01												
	2012	2	26	43	34		0.00												
	2012	2	27	44	29		0.00												
	2012	2	28																
	2012	2	29	45	31		0.18												
Summary				50	37		2.95		0										

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"s" This data value failed one of NCDC's quality control tests.

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National Centers for Environmental Information

151 Patton Avenue

Asheville, North Carolina 28801

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation:
Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	3	1	45	36		0.00												
	2012	3	2	46	40		0.04												
	2012	3	3	55	46		0.00												
	2012	3	4	53	46		T												
	2012	3	5	48	35		0.36												
	2012	3	6	45	32		0.05												
	2012	3	7	48	27		0.00												
	2012	3	8	61	35		0.00												
	2012	3	9	50	42		0.17												
	2012	3	10	46	44		0.47												
	2012	3	11	45	37		0.38												
	2012	3	12	48	34		0.68												
	2012	3	13	43	32		0.21												
	2012	3	14	45	33		0.48												
	2012	3	15	53	41		1.05												
	2012	3	16	50	41		0.25												
	2012	3	17	51	33		0.43												
	2012	3	18	42	32		0.08												
	2012	3	19	45	28		0.10												
	2012	3	20	47	37		0.10												
	2012	3	21	49	36		0.04												
	2012	3	22	50	36		0.12												
	2012	3	23	55	32		0.00												
	2012	3	24	57	38		0.00												
	2012	3	25	56	36		0.00												
	2012	3	26	55	45		T												
	2012	3	27	60	45		0.25												
	2012	3	28	52	46		0.11												
	2012	3	29	50	44		1.15												
	2012	3	30	51	42		0.12												
	2012	3	31	50	39		0.50												
			Summary	50	38		7.14		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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U.S. Department of Commerce
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	4	1	49	42		0.01												
	2012	4	2	62	40		0.00												
	2012	4	3	54	39		0.17												
	2012	4	4	52	39		T												
	2012	4	5	50	38		0.00												
	2012	4	6	53	39		T												
	2012	4	7	61	36		0.00												
	2012	4	8	69	45		0.00												
	2012	4	9	68	45		0.00												
	2012	4	10	64	50		T												
	2012	4	11	53	44		0.08												
	2012	4	12	59	43		0.01												
	2012	4	13	59	40		0.00												
	2012	4	14	61	38		0.00												
	2012	4	15	61	46		T												
	2012	4	16	57	45		0.25												
	2012	4	17	51	39		0.08												
	2012	4	18	57	45		0.08												
	2012	4	19	57	41		0.29												
	2012	4	20	55	45		0.25												
	2012	4	21	68	42		0.00												
	2012	4	22	72	49		0.00												
	2012	4	23	69	51		0.00												
	2012	4	24	57	52		0.08												
	2012	4	25	63	50		0.39												
	2012	4	26	58	45		0.14												
	2012	4	27	57	44		0.01												
	2012	4	28	62	47		0.01												
	2012	4	29	60	49		0.16												
	2012	4	30	56	46		0.17												
Summary				59	44		2.18		0										

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Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W
Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Record of Climatological Observations
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: Unknown Observation Time Precipitation:
Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2012	5	1	54	44		0.05												
	2012	5	2	57	43		0.01												
	2012	5	3	51	46		0.77												
	2012	5	4	54	42		0.33												
	2012	5	5	56	42		0.00												
	2012	5	6	63	38		0.00												
	2012	5	7	74	46		0.00												
	2012	5	8	65	49		0.00												
	2012	5	9	56	45		0.01												
	2012	5	10	58	38		0.00												
	2012	5	11	64	43		0.00												
	2012	5	12	73	46		0.00												
	2012	5	13	74	49		0.00												
	2012	5	14	77	54		0.00												
	2012	5	15	75	50		0.00												
	2012	5	16	68	52		0.00												
	2012	5	17	64	45		0.47												
	2012	5	18	60	45		0.00												
	2012	5	19	66	45		0.00												
	2012	5	20	59	54		0.16												
	2012	5	21	63	51		0.41												
	2012	5	22	55	50		0.12												
	2012	5	23	59	49		0.02												
	2012	5	24	62	49		0.01												
	2012	5	25	71	47		0.05												
	2012	5	26	74	48		0.00												
	2012	5	27	64	53		0.00												
	2012	5	28	63	52		T												
	2012	5	29	62	47		0.00												
	2012	5	30	66	52		0.02												
	2012	5	31	64	55		0.16												
			Summary	64	47		2.59		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)				Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	6	1	69	54		0.09												
	2012	6	2	66	52		0.02												
	2012	6	3	62	50		0.00												
	2012	6	4	55	49		0.03												
	2012	6	5	58	47		0.49												
	2012	6	6	61	43		0.00												
	2012	6	7	61	49		0.55												
	2012	6	8	60	47		0.06												
	2012	6	9	63	48		0.02												
	2012	6	10	66	51		0.00												
	2012	6	11	76	52		0.01												
	2012	6	12	66	56		0.02												
	2012	6	13	60	53		0.00												
	2012	6	14	61	51		0.00												
	2012	6	15	72	48		T												
	2012	6	16	73	61		T												
	2012	6	17	67	54		0.00												
	2012	6	18	61	50		0.24												
	2012	6	19	66	51		0.03												
	2012	6	20	74	50		0.00												
	2012	6	21	73	54		0.00												
	2012	6	22	60	54		0.36												
	2012	6	23	61	52		0.66												
	2012	6	24	67	51		0.01												
	2012	6	25	66	52		T												
	2012	6	26	64	50		0.01												
	2012	6	27	72	47		0.00												
	2012	6	28	73	52		T												
	2012	6	29	71	60		T												
	2012	6	30	69	59		T												
Summary				66	52		2.60		0										

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Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	7	1	68	56		T													
	2012	7	2	66	54		T													
	2012	7	3	65	54		0.01													
	2012	7	4	69	52		0.00													
	2012	7	5	75	51		0.00													
	2012	7	6	77	55		0.00													
	2012	7	7	77	56		0.00													
	2012	7	8	79	58		0.00													
	2012	7	9	78	57		T													
	2012	7	10	73	53		0.00													
	2012	7	11	79	58		0.00													
	2012	7	12	80	59		0.00													
	2012	7	13	73	58		0.00													
	2012	7	14	78	60		T													
	2012	7	15	67	57		T													
	2012	7	16	77	57		0.00													
	2012	7	17	72	59		T													
	2012	7	18	70	59		0.00													
	2012	7	19	76	59		0.00													
	2012	7	20	68	58		0.72													
	2012	7	21	75	60		0.00													
	2012	7	22	68	55		T													
	2012	7	23	67	53		0.00													
	2012	7	24	72	55		0.00													
	2012	7	25	78	57		0.00													
	2012	7	26	80	59		0.00													
	2012	7	27	66	57		0.00													
	2012	7	28	71	57		0.00													
	2012	7	29	74	60		0.00													
	2012	7	30	67	56		0.00													
	2012	7	31	73	58		0.00													
	Summary			73	57		0.73		0											

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"s" This data value failed one of NCDC's quality control tests.

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	8	1	76	56		0.00												
	2012	8	2	73	56		0.00												
	2012	8	3	78	56		0.00												
	2012	8	4	87	64		0.00												
	2012	8	5	92	65		0.00												
	2012	8	6	82	62		T												
	2012	8	7	70	60		0.00												
	2012	8	8	73	60		0.00												
	2012	8	9	74	59		0.00												
	2012	8	10	76	57		0.00												
	2012	8	11	81	58		0.00												
	2012	8	12	84	60		0.00												
	2012	8	13	84	61		0.00												
	2012	8	14	81	60		0.00												
	2012	8	15	85	63		0.00												
	2012	8	16	91	65		0.00												
	2012	8	17	91	62		0.00												
	2012	8	18	72	59		0.00												
	2012	8	19	74	61		0.00												
	2012	8	20	77	60		0.00												
	2012	8	21	73	58		0.00												
	2012	8	22	72	59		0.00												
	2012	8	23	69	58		0.00												
	2012	8	24	70	50		0.00												
	2012	8	25	76	53		0.00												
	2012	8	26	71	55		0.00												
	2012	8	27	75	56		0.00												
	2012	8	28	75	57		0.00												
	2012	8	29	74	57		0.00												
	2012	8	30	72	57		0.00												
	2012	8	31	71	53		0.00												
	Summary			77	59		0.00		0										

The *** flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2012	9	1	72	51		0.00												
	2012	9	2	70	52		0.00												
	2012	9	3	71	55		0.00												
	2012	9	4	74	52		0.00												
	2012	9	5	77	53		0.00												
	2012	9	6	79	59		0.00												
	2012	9	7	85	58		0.00												
	2012	9	8	80	57		0.00												
	2012	9	9	67	58		T												
	2012	9	10	67	52		0.02												
	2012	9	11	65	51		0.00												
	2012	9	12	68	50		0.00												
	2012	9	13	77	51		0.00												
	2012	9	14	76	53		0.00												
	2012	9	15	73	52		0.00												
	2012	9	16	75	50		0.00												
	2012	9	17	78	53		0.00												
	2012	9	18	80	54		0.00												
	2012	9	19	72	53		0.00												
	2012	9	20	70	52		0.00												
	2012	9	21	62	56		0.00												
	2012	9	22	67	53		0.02												
	2012	9	23	67	49		0.00												
	2012	9	24	69	49		T												
	2012	9	25	67	54		0.00												
	2012	9	26	65	50		0.00												
	2012	9	27	71	51		0.00												
	2012	9	28	76	53		T												
	2012	9	29	67	54		T												
	2012	9	30	67	47		0.00												
Summary				72	53		0.04		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)				Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Move ment (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	10	1	73	46		0.00												
	2012	10	2	63	51		0.00												
	2012	10	3	66	45		0.00												
	2012	10	4	65	47		0.00												
	2012	10	5	70	46		0.00												
	2012	10	6	71	41		0.00												
	2012	10	7	72	44		0.00												
	2012	10	8	71	42		0.00												
	2012	10	9	60	49		0.00												
	2012	10	10	55	47		0.00												
	2012	10	11	56	46		0.00												
	2012	10	12	58	48		0.09												
	2012	10	13	62	55		0.11												
	2012	10	14	64	57		0.53												
	2012	10	15	63	54		0.21												
	2012	10	16	63	48		0.00												
	2012	10	17	59	43		0.00												
	2012	10	18	65	46		0.67												
	2012	10	19	60	48		0.07												
	2012	10	20	52	42		0.18												
	2012	10	21	54	37		0.14												
	2012	10	22	47	39		0.26												
	2012	10	23	53	41		T												
	2012	10	24	52	43		0.19												
	2012	10	25	53	43		0.00												
	2012	10	26	53	44		0.06												
	2012	10	27	58	49		0.75												
	2012	10	28	59	51		0.27												
	2012	10	29	61	51		0.56												
	2012	10	30	60	54		1.38												
	2012	10	31	61	51		0.65												
Summary				61	47		6.12		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2012	11	1	60	52		0.32												
	2012	11	2	60	50		0.19												
	2012	11	3	60	53		0.02												
	2012	11	4	65	55		0.21												
	2012	11	5	59	48		0.05												
	2012	11	6	57	44		0.01												
	2012	11	7	55	40		0.00												
	2012	11	8	50	36		0.00												
	2012	11	9	48	32		0.00												
	2012	11	10	47	28		0.00												
	2012	11	11	49	32		0.55												
	2012	11	12	54	44		0.13												
	2012	11	13	53	47		0.19												
	2012	11	14	53	41		T												
	2012	11	15	50	37		0.00												
	2012	11	16	48	36		0.25												
	2012	11	17	55	42		0.20												
	2012	11	18	51	43		0.63												
	2012	11	19	57	47		2.51												
	2012	11	20	53	41		0.20												
	2012	11	21	48	39		0.52												
	2012	11	22	47	35		0.02												
	2012	11	23	51	44		1.00												
	2012	11	24	50	39		T												
	2012	11	25	48	36		0.00												
	2012	11	26	48	35		0.00												
	2012	11	27	50	34		0.00												
	2012	11	28	48	37		0.12												
	2012	11	29	56	43		0.11												
	2012	11	30	59	46		1.51												
Summary				53	41		8.74		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	12	1	57	48		0.28												
	2012	12	2	49	45		1.00												
	2012	12	3	50	47		0.43												
	2012	12	4	55	46		0.46												
	2012	12	5	49	41		0.02												
	2012	12	6	46	42		0.07												
	2012	12	7	47	38		0.14												
	2012	12	8	45	38		0.00												
	2012	12	9	45	37		0.06												
	2012	12	10	46	43		0.00												
	2012	12	11	47	43		0.10												
	2012	12	12	45	42		0.28												
	2012	12	13	46	39		0.11												
	2012	12	14	45	34		0.24												
	2012	12	15	42	30		0.24												
	2012	12	16	47	39		0.93												
	2012	12	17	48	37		0.10												
	2012	12	18	41	33		0.05												
	2012	12	19	48	1s		1.00												
	2012	12	20	47	1s		0.63												
	2012	12	21	47	30		0.07												
	2012	12	22	49	38		0.12												
	2012	12	23	47	38		0.39												
	2012	12	24	45	37		0.08												
	2012	12	25	44	37		0.41												
	2012	12	26	46	40		0.26												
	2012	12	27	47	39		0.27												
	2012	12	28	49	38		T												
	2012	12	29	43	38		0.06												
	2012	12	30	43	33		0.00												
	2012	12	31	41	31		0.00												
			Summary	47	36		7.80		0										

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"s" This data value failed one of NCDC's quality control tests.

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Record of Climatological Observations

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Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2013	1	1	44	26		0.00												
	2013	1	2	47	28		0.00												
	2013	1	3	47	26		0.18												
	2013	1	4	54	38		0.07												
	2013	1	5	46	41		0.10												
	2013	1	6	47	40		0.03												
	2013	1	7	52	41		0.02												
	2013	1	8	55	43		0.54												
	2013	1	9	52	37		1.14												
	2013	1	10	40	30		T												
	2013	1	11	39	27		0.00												
	2013	1	12	40	24		0.00												
	2013	1	13	38	23		0.00												
	2013	1	14	40	30		0.00												
	2013	1	15	45	33		0.00												
	2013	1	16	45	27		0.00												
	2013	1	17	39	28		0.00												
	2013	1	18	40	33		0.00												
	2013	1	19	38	33		0.00												
	2013	1	20	41	31		0.00												
	2013	1	21	38	32		0.00												
	2013	1	22	40	31		T												
	2013	1	23	45	38		0.21												
	2013	1	24	47	36		0.16												
	2013	1	25	54	39		0.09												
	2013	1	26	49	40		0.16												
	2013	1	27	44	41		0.01												
	2013	1	28	45	39		0.21												
	2013	1	29	49	43		0.29												
	2013	1	30	50	46		0.06												
	2013	1	31	53	47		0.08												
			Summary	45	35		3.35		0										

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"s" This data value failed one of NCDC's quality control tests.

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Record of Climatological Observations

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Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2013	2	1	52	44		0.00												
	2013	2	2	45	39		0.00												
	2013	2	3	51	39		0.08												
	2013	2	4	53	44		T												
	2013	2	5	52	44		0.18												
	2013	2	6	52	44		0.09												
	2013	2	7	50	39		0.08												
	2013	2	8	47	37		0.00												
	2013	2	9	47	41		0.01												
	2013	2	10	48	38		0.00												
	2013	2	11	49	41		0.01												
	2013	2	12	52	46		0.00												
	2013	2	13	50	46		T												
	2013	2	14	51	44		0.03												
	2013	2	15	55	41		0.00												
	2013	2	16	55	38		T												
	2013	2	17	48	42		T												
	2013	2	18	47	40		T												
	2013	2	19	52	38		0.00												
	2013	2	20	47	34		0.07												
	2013	2	21	46	40		0.01												
	2013	2	22	48	41		0.34												
	2013	2	23	52	39		0.00												
	2013	2	24	50	42		0.03												
	2013	2	25	53	38		0.13												
	2013	2	26	50	39		0.02												
	2013	2	27	50	40		0.31												
	2013	2	28	54	45		0.26												
Summary				50	41		1.65		0										

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Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2013	3	1	61	53		0.12												
	2013	3	2	58	41		0.21												
	2013	3	3	51	34		T												
	2013	3	4	57	31		0.00												
	2013	3	5	50	41		T												
	2013	3	6	46	42		0.61												
	2013	3	7	54	42		0.26												
	2013	3	8	53	36		0.00												
	2013	3	9	56	32		0.00												
	2013	3	10	48	38		0.01												
	2013	3	11	53	44		0.03												
	2013	3	12	57	50		0.01												
	2013	3	13	54	51		0.15												
	2013	3	14	55	49		0.05												
	2013	3	15	60	49		T												
	2013	3	16	52	41		0.04												
	2013	3	17	50	38		T												
	2013	3	18	54	40		T												
	2013	3	19	56	39		0.50												
	2013	3	20	53	40		0.59												
	2013	3	21	50	36		0.10												
	2013	3	22	49	34		0.01												
	2013	3	23	52	34		0.00												
	2013	3	24	55	33		0.00												
	2013	3	25	62	36		0.00												
	2013	3	26	62	48		0.00												
	2013	3	27	57	46		0.01												
	2013	3	28	63	45		0.06												
	2013	3	29	65	46		0.01												
	2013	3	30	66	45		0.00												
	2013	3	31	69	45		0.00												
Summary				56	41		2.77		0										

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Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	4	1	63	48		0.00												
	2013	4	2	58	50		0.00												
	2013	4	3	63	48		0.00												
	2013	4	4	59	51		0.42												
	2013	4	5	58	50		0.50												
	2013	4	6	54	46		0.37												
	2013	4	7	48	42		0.96												
	2013	4	8	58	44		0.04												
	2013	4	9	55	44		0.00												
	2013	4	10	61	48		0.23												
	2013	4	11	55	46		0.13												
	2013	4	12	48	42		0.18												
	2013	4	13	53	38		0.35												
	2013	4	14	55	39		0.02												
	2013	4	15	56	40		T												
	2013	4	16	58	38		0.07												
	2013	4	17	60	39		0.00												
	2013	4	18	53	45		0.20												
	2013	4	19	56	50		0.65												
	2013	4	20	57	48		0.01												
	2013	4	21	56	46		0.03												
	2013	4	22	61	40		0.00												
	2013	4	23	64	35		0.00												
	2013	4	24	70	40		0.00												
	2013	4	25	73	45		0.00												
	2013	4	26	69	48		0.00												
	2013	4	27	58	53		T												
	2013	4	28	61	49		0.10												
	2013	4	29	57	44		0.13												
	2013	4	30	57	40		T												
Summary				58	45		4.39	0											

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	5	1	64	38		0.00												
	2013	5	2	67	48		0.00												
	2013	5	3	72	50		0.00												
	2013	5	4	78	53		0.00												
	2013	5	5	84	56		0.00												
	2013	5	6	86	55		0.00												
	2013	5	7	72	53		0.00												
	2013	5	8	68	53		0.00												
	2013	5	9	71	53		0.00												
	2013	5	10	79	52		0.00												
	2013	5	11	81	56		0.00												
	2013	5	12	71	59		0.08												
	2013	5	13	67	50		0.12												
	2013	5	14	66	47		0.00												
	2013	5	15	66	49		0.03												
	2013	5	16	71	55		T												
	2013	5	17	66	54		0.02												
	2013	5	18	63	53		0.00												
	2013	5	19	65	55		0.00												
	2013	5	20	69	51		0.00												
	2013	5	21	61	48		0.43												
	2013	5	22	56	46		0.21												
	2013	5	23	58	46		0.08												
	2013	5	24	64	50		0.02												
	2013	5	25	65	52		T												
	2013	5	26	65	52		0.08												
	2013	5	27	63	53		0.20												
	2013	5	28	64	53		0.01												
	2013	5	29	64	51		0.17												
	2013	5	30	63	50		T												
	2013	5	31	68	53		0.00												
			Summary	68	51		1.45		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	6	1	73	56		0.00												
	2013	6	2	70	56		T												
	2013	6	3	73	53		0.00												
	2013	6	4	78	55		0.00												
	2013	6	5	78	59		0.00												
	2013	6	6	80	57		0.00												
	2013	6	7	69	57		T												
	2013	6	8	69	56		0.00												
	2013	6	9	68	55		0.00												
	2013	6	10	70	53		0.00												
	2013	6	11	68	52		T												
	2013	6	12	69	54		0.00												
	2013	6	13	70	55		0.00												
	2013	6	14	68	56		0.00												
	2013	6	15	75	55		0.00												
	2013	6	16	76	56		0.00												
	2013	6	17	78	59		T												
	2013	6	18	75	57		T												
	2013	6	19	69	56		T												
	2013	6	20	64	56		T												
	2013	6	21	71	55		0.01												
	2013	6	22	79	55		0.00												
	2013	6	23	72	62		T												
	2013	6	24	71	59		0.01												
	2013	6	25	75	59		0.10												
	2013	6	26	74	60		0.56												
	2013	6	27	72	62		0.13												
	2013	6	28	88	62		0.00												
	2013	6	29	87	66		T												
	2013	6	30	91	64		0.00												
	Summary			74	57		0.81		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	7	1	90	70		0.00												
	2013	7	2	82	63		0.00												
	2013	7	3	79	63		0.00												
	2013	7	4	73	60		0.00												
	2013	7	5	75	59		0.00												
	2013	7	6	80	57		0.00												
	2013	7	7	77	59		0.00												
	2013	7	8	80	58		0.00												
	2013	7	9	84	61		0.00												
	2013	7	10	74	59		0.00												
	2013	7	11	72	57		0.00												
	2013	7	12	68	57		0.00												
	2013	7	13	77	54		0.00												
	2013	7	14	83	57		0.00												
	2013	7	15	81	61		0.00												
	2013	7	16	86	65		T												
	2013	7	17	73	60		T												
	2013	7	18	79	59		0.00												
	2013	7	19	81	60		0.00												
	2013	7	20	77	58		0.00												
	2013	7	21	77	57		0.00												
	2013	7	22	80	58		0.00												
	2013	7	23	84	57		0.00												
	2013	7	24	86	61		0.00												
	2013	7	25	86	59		0.00												
	2013	7	26	87	61		0.00												
	2013	7	27	79	57		0.00												
	2013	7	28	70	55		0.00												
	2013	7	29	77	57		0.00												
	2013	7	30	78	57		0.00												
	2013	7	31	72	58		0.00												
			Summary	79	59		0.00		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	8	1	69	57		0.00												
	2013	8	2	64	60		T												
	2013	8	3	76	61		0.00												
	2013	8	4	81	59		0.00												
	2013	8	5	86	62		0.00												
	2013	8	6	87	60		0.00												
	2013	8	7	86	61		0.00												
	2013	8	8	83	60		0.00												
	2013	8	9	83	61		T												
	2013	8	10	78	61		T												
	2013	8	11	78	59		0.00												
	2013	8	12	79	61		0.00												
	2013	8	13	83	60		0.00												
	2013	8	14	83	62		T												
	2013	8	15	72	64		T												
	2013	8	16	85	63		0.00												
	2013	8	17	79	65		0.00												
	2013	8	18	80	61		0.00												
	2013	8	19	80	63		0.00												
	2013	8	20	77	62		0.00												
	2013	8	21	80	58		0.00												
	2013	8	22	82	61		0.00												
	2013	8	23	78	63		0.00												
	2013	8	24	76	63		0.00												
	2013	8	25	73	61		T												
	2013	8	26	78	63		T												
	2013	8	27	80	64		T												
	2013	8	28	81	62		T												
	2013	8	29	76	67		0.46												
	2013	8	30	80	62		0.00												
	2013	8	31	79	60		0.00												
			Summary	79	61		0.46		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Record of Climatological Observations

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Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	9	1	82	61		0.00												
	2013	9	2	83	63		0.00												
	2013	9	3	76	64		0.12												
	2013	9	4	72	63		T												
	2013	9	5	69	62		0.87												
	2013	9	6	73	62		0.68												
	2013	9	7	74	63		T												
	2013	9	8	80	60		0.01												
	2013	9	9	78	59		0.00												
	2013	9	10	77	60		0.00												
	2013	9	11	89	63		0.00												
	2013	9	12	80	61		0.00												
	2013	9	13	68	60		0.00												
	2013	9	14	71	62		0.00												
	2013	9	15	68	59		0.21												
	2013	9	16	72	61		0.00												
	2013	9	17	65	58		T												
	2013	9	18	71	57		0.00												
	2013	9	19	79	50		0.00												
	2013	9	20	75	55		0.15												
	2013	9	21	71	56		0.01												
	2013	9	22	63	57		0.39												
	2013	9	23	63	53		0.06												
	2013	9	24	65	51		0.01												
	2013	9	25	63	48		0.04												
	2013	9	26	64	44		0.01												
	2013	9	27	59	52		0.05												
	2013	9	28	63	55		1.27												
	2013	9	29	58	53		0.62												
	2013	9	30	60	50		0.62												
Summary				71	57		5.12		0										

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"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	10	1	60	49		0.08												
	2013	10	2	58	51		0.21												
	2013	10	3	59	46		T												
	2013	10	4	66	41		0.01												
	2013	10	5	69	44		0.00												
	2013	10	6	74	45		0.13												
	2013	10	7	62	53		0.01												
	2013	10	8	57	45		0.39												
	2013	10	9	60	41		0.00												
	2013	10	10	61	46		0.03												
	2013	10	11	58	52		0.53												
	2013	10	12	59	46		0.06												
	2013	10	13	59	43		0.00												
	2013	10	14	61	40		0.01												
	2013	10	15	61	42		0.00												
	2013	10	16	56	47		0.00												
	2013	10	17	58	46		0.01												
	2013	10	18	55	45		0.00												
	2013	10	19	52	47		0.00												
	2013	10	20	52	48		0.00												
	2013	10	21	54	48		0.00												
	2013	10	22	55	48		0.00												
	2013	10	23	57	46		0.01												
	2013	10	24	51	46		0.01												
	2013	10	25	54	43		0.01												
	2013	10	26	54	45		0.00												
	2013	10	27	58	47		0.06												
	2013	10	28	58	42		0.00												
	2013	10	29	57	34		0.00												
	2013	10	30	59	38		0.01												
	2013	10	31	57	50		0.01												
	Summary			58	45		1.58		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information

151 Patton Avenue

Asheville, North Carolina 28801

Observation Time Temperature: Unknown Observation Time Precipitation:

Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)				At Obs Time	Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time					24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2013	11	1	63	52		0.03												
	2013	11	2	57	46		0.35												
	2013	11	3	53	38		0.02												
	2013	11	4	51	35		0.01												
	2013	11	5	57	44		0.05												
	2013	11	6	54	46		0.09												
	2013	11	7	124s	50		0.94												
	2013	11	8	56	44		0.00												
	2013	11	9	52	41		0.09												
	2013	11	10	53	48		T												
	2013	11	11	60	42		0.00												
	2013	11	12	61	45		0.14												
	2013	11	13	59	51		T												
	2013	11	14	53	43		0.01												
	2013	11	15	52	45		0.08												
	2013	11	16	50	39		0.00												
	2013	11	17	53	44		0.05												
	2013	11	18	55	49		0.80												
	2013	11	19	56	41		0.11												
	2013	11	20	47	36		0.00												
	2013	11	21	47	32		0.00												
	2013	11	22	47	32		0.00												
	2013	11	23	52	29		0.08												
	2013	11	24	50	29		0.00												
	2013	11	25	56	32		0.00												
	2013	11	26	55	34		T												
	2013	11	27	56	38		0.00												
	2013	11	28	47	34		0.00												
	2013	11	29	49	37		0.01												
	2013	11	30	53	44		0.06												
Summary				56	41		2.92		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2013	12	1	56	47		0.03												
	2013	12	2	47	36		0.11												
	2013	12	3	42	31		0.01												
	2013	12	4	40	26		0.00												
	2013	12	5	35	22		0.00												
	2013	12	6	35	27		0.00												
	2013	12	7	32	18		0.00												
	2013	12	8	34	17		0.00												
	2013	12	9	35	21		T												
	2013	12	10	42	32		0.00												
	2013	12	11	42	28		0.00												
	2013	12	12	43	32		0.22												
	2013	12	13	51	41		0.01												
	2013	12	14	51	43		T												
	2013	12	15	53	48		0.03												
	2013	12	16	51	40		0.00												
	2013	12	17	48	40		0.00												
	2013	12	18	46	39		0.04												
	2013	12	19	41	31		0.00												
	2013	12	20	45	33		0.10												
	2013	12	21	48	42		0.22												
	2013	12	22	52	47		0.21												
	2013	12	23	55	43		0.01												
	2013	12	24	50	35		0.00												
	2013	12	25	44	33		0.00												
	2013	12	26	46	34		0.00												
	2013	12	27	48	33		0.03												
	2013	12	28	49	36		0.00												
	2013	12	29	46	36		0.00												
	2013	12	30	47	40		0.03												
	2013	12	31	48	40		T												
	Summary			45	35		1.05		0										

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Record of Climatological Observations

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Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2014	1	1	46	41		0.01												
	2014	1	2	53	44		0.53												
	2014	1	3	48	37		0.03												
	2014	1	4	47	33		0.00												
	2014	1	5	47	29		0.00												
	2014	1	6	46	30		T												
	2014	1	7	48	41		0.34												
	2014	1	8	51	46		0.44												
	2014	1	9	50	42		0.11												
	2014	1	10	51	47		0.15												
	2014	1	11	59	43		0.91												
	2014	1	12	53	43		0.02												
	2014	1	13	54	51		0.01												
	2014	1	14	53	48		0.00												
	2014	1	15	53	45		0.00												
	2014	1	16	45	42		0.00												
	2014	1	17	45	39		0.00												
	2014	1	18	49	33		0.00												
	2014	1	19	45	38		0.00												
	2014	1	20	49	35		0.00												
	2014	1	21	51	31		0.00												
	2014	1	22	50	44		0.00												
	2014	1	23	50	39		0.00												
	2014	1	24	52	34		0.00												
	2014	1	25	55	33		0.00												
	2014	1	26	46	34		0.00												
	2014	1	27	48	36		0.00												
	2014	1	28	52	43		0.36												
	2014	1	29	53	46		0.76												
	2014	1	30	49	44		0.01												
	2014	1	31	47	42		0.03												
	Summary			50	40		3.71		0										

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"s" This data value failed one of NCDC's quality control tests.

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Move ment (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	2	1	46	36		0.02												
	2014	2	2	47	34		0.00												
	2014	2	3	42	33		0.00												
	2014	2	4	39	26		0.00												
	2014	2	5	32	20		0.00												
	2014	2	6	32	21		0.00												
	2014	2	7	39	24		0.00												
	2014	2	8	43	31		0.09												
	2014	2	9	40	33		0.01												
	2014	2	10	51	37		0.54												
	2014	2	11	54	44		0.76												
	2014	2	12	55	46		0.13												
	2014	2	13	56	45		T												
	2014	2	14	54	41		0.41												
	2014	2	15	53	37		0.51												
	2014	2	16	50	41		1.43												
	2014	2	17	49	41		0.42												
	2014	2	18	50	42		0.62												
	2014	2	19	49	40		0.02												
	2014	2	20	51	42		0.03												
	2014	2	21	45	40		0.23												
	2014	2	22	44	38		0.09												
	2014	2	23	47	39		0.18												
	2014	2	24	44	39		0.39												
	2014	2	25	51	41		0.00												
	2014	2	26	60	40		0.00												
	2014	2	27	55	44		0.00												
	2014	2	28	56	44		0.00												
			Summary	48	37		5.88		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	3	1	46	41		0.01												
	2014	3	2	52	37		0.70												
	2014	3	3	59	49		0.37												
	2014	3	4	56	44		0.42												
	2014	3	5	61	51		1.44												
	2014	3	6	57	51		0.20												
	2014	3	7	61	46		0.00												
	2014	3	8	56	43		1.12												
	2014	3	9	61	50		0.26												
	2014	3	10	55	43		0.42												
	2014	3	11	57	41		0.00												
	2014	3	12	63	36		0.00												
	2014	3	13	59	42		T												
	2014	3	14	60	46		0.11												
	2014	3	15	62	44		0.21												
	2014	3	16	54	43		1.08												
	2014	3	17	53	40		0.01												
	2014	3	18	52	41		0.01												
	2014	3	19	54	38		T												
	2014	3	20	54	37		T												
	2014	3	21	52	39		0.00												
	2014	3	22	54	33		0.00												
	2014	3	23	55	44		0.00												
	2014	3	24	68	43		0.00												
	2014	3	25	59	47		0.22												
	2014	3	26	54	41		0.06												
	2014	3	27	57	45		0.03												
	2014	3	28	56	45		0.51												
	2014	3	29	55	45		0.63												
	2014	3	30	56	43		0.02												
	2014	3	31	61	38		0.00												
			Summary	57	43		7.83		0										

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Record of Climatological Observations

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Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2014	4	1	60	44		0.00												
	2014	4	2	61	45		0.00												
	2014	4	3	59	44		0.12												
	2014	4	4	58	44		T												
	2014	4	5	56	48		0.08												
	2014	4	6	60	49		0.00												
	2014	4	7	72	52		0.00												
	2014	4	8	63	49		0.38												
	2014	4	9	59	45		T												
	2014	4	10	60	46		0.00												
	2014	4	11	64	42		0.00												
	2014	4	12	62	48		0.00												
	2014	4	13	70	43		0.00												
	2014	4	14	70	42		0.00												
	2014	4	15	61	49		0.01												
	2014	4	16	55	50		0.42												
	2014	4	17	58	48		0.69												
	2014	4	18	60	44		0.00												
	2014	4	19	56	44		0.36												
	2014	4	20	63	45		0.00												
	2014	4	21	64	48		0.17												
	2014	4	22	58	44		0.50												
	2014	4	23	55	45		0.24												
	2014	4	24	60	46		0.28												
	2014	4	25	62	44		0.05												
	2014	4	26	61	44		0.18												
	2014	4	27	56	46		T												
	2014	4	28	63	42		0.00												
	2014	4	29	79	50		0.00												
	2014	4	30	81	53		0.00												
	Summary			62	46		3.48		0										

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"s" This data value failed one of NCDC's quality control tests.
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Record of Climatological Observations

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Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)						
				24 hrs, ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	5	1	88	56		0.00													
	2014	5	2	69	55		T													
	2014	5	3	63	51		1.19													
	2014	5	4	60	51		0.26													
	2014	5	5	61	52		0.24													
	2014	5	6	64	50		0.00													
	2014	5	7	68	46		0.00													
	2014	5	8	59	51		0.41													
	2014	5	9	58	49		0.07													
	2014	5	10	61	47		T													
	2014	5	11	68	46		0.01													
	2014	5	12	79	52		0.00													
	2014	5	13	80	58		0.00													
	2014	5	14	81	59		0.00													
	2014	5	15	81	58		0.00													
	2014	5	16	69	55		0.00													
	2014	5	17	69	57		0.00													
	2014	5	18	68	54		0.04													
	2014	5	19	71	53		0.00													
	2014	5	20	72	54		0.00													
	2014	5	21	69	55		0.00													
	2014	5	22	76	57		0.00													
	2014	5	23	71	57		0.19													
	2014	5	24	67	55		0.00													
	2014	5	25	62	55		0.28													
	2014	5	26	67	54		0.00													
	2014	5	27	68	54		T													
	2014	5	28	68	52		0.03													
	2014	5	29	67	54		0.00													
	2014	5	30	69	52		0.00													
	2014	5	31	76	50		0.00													
	Summary			69	53		2.72		0											

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"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)						Unknown
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	
	2014	6	1	73	53		0.00													
	2014	6	2	77	56		0.00													
	2014	6	3	66	54		0.00													
	2014	6	4	68	53		0.00													
	2014	6	5	74	53		0.00													
	2014	6	6	78	52		0.00													
	2014	6	7	76	58		0.00													
	2014	6	8	76	58		0.00													
	2014	6	9	70	58		T													
	2014	6	10	68	56		0.00													
	2014	6	11	76	55		0.00													
	2014	6	12	72	57		T													
	2014	6	13	63	55		0.05													
	2014	6	14	65	56		T													
	2014	6	15	66	52		0.10													
	2014	6	16	67	50		0.09													
	2014	6	17	66	53		0.05													
	2014	6	18	69	55		0.00													
	2014	6	19	78	56		T													
	2014	6	20	69	56		T													
	2014	6	21	73	53		0.00													
	2014	6	22	77	54		0.00													
	2014	6	23	80	59		T													
	2014	6	24	78	60		0.00													
	2014	6	25	78	62		0.00													
	2014	6	26	73	61		T													
	2014	6	27	73	59		T													
	2014	6	28	71	59		T													
	2014	6	29	71	57		T													
	2014	6	30	78	58		0.00													
Summary				72	56		0.29		0											

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Move me nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2014	7	1	91	63		0.00												
	2014	7	2	82	62		0.00												
	2014	7	3	72	59		0.00												
	2014	7	4	76	59		T												
	2014	7	5	77	61		T												
	2014	7	6	86	63		0.00												
	2014	7	7	81	66		0.00												
	2014	7	8	86	63		0.00												
	2014	7	9	82	63		0.00												
	2014	7	10	84	57		0.00												
	2014	7	11	88	60		0.00												
	2014	7	12	90	62		0.00												
	2014	7	13	86	64		T												
	2014	7	14	87	62		0.00												
	2014	7	15	88	60		0.00												
	2014	7	16	90	59		0.00												
	2014	7	17	81	59		0.00												
	2014	7	18	78	57		0.00												
	2014	7	19	80	62		0.00												
	2014	7	20	68	60		T												
	2014	7	21	77	60		T												
	2014	7	22	73	59		T												
	2014	7	23	66	58		T												
	2014	7	24	69	58														
	2014	7	25	75	57		0.00												
	2014	7	26	80	58		0.00												
	2014	7	27	82	61		0.00												
	2014	7	28	88	62		0.00												
	2014	7	29	85	62		0.00												
	2014	7	30	85	62		0.00												
	2014	7	31	86	63		0.00												
	Summary			81	61		0.00		0										

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Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

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"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	8	1	85	64		0.00												
	2014	8	2	85	64		T												
	2014	8	3	88	62		0.00												
	2014	8	4	91	65		0.00												
	2014	8	5	80	59		0.00												
	2014	8	6	82	62		0.00												
	2014	8	7	81	60		0.00												
	2014	8	8	79	60		0.00												
	2014	8	9	81	61		0.00												
	2014	8	10	86	61		0.00												
	2014	8	11	95	66		T												
	2014	8	12	83	67		T												
	2014	8	13	75	63														
	2014	8	14	72	62		0.21												
	2014	8	15	78	65		T												
	2014	8	16	78	64		0.00												
	2014	8	17	82	60		0.00												
	2014	8	18	85	63		0.00												
	2014	8	19	85	62		0.00												
	2014	8	20	73	60		0.00												
	2014	8	21	73	57		0.00												
	2014	8	22	77	58		0.00												
	2014	8	23	84	59		0.00												
	2014	8	24	79	60		0.00												
	2014	8	25	83	60		0.00												
	2014	8	26	89	64		0.00												
	2014	8	27	88	66		0.00												
	2014	8	28	77	60		0.00												
	2014	8	29	75	61		T												
	2014	8	30	68	61		T												
	2014	8	31	73	58		T												
			Summary	81	62		0.21		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass mulch; 8=Bare mulch; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	9	1	77	58		T												
	2014	9	2	70	58		T												
	2014	9	3	72	57		0.00												
	2014	9	4	74	53		0.00												
	2014	9	5	83	60		0.00												
	2014	9	6	88	60		0.00												
	2014	9	7	87	57		0.00												
	2014	9	8	72	60		T												
	2014	9	9	74	59		T												
	2014	9	10	72	57		0.00												
	2014	9	11	78	53		0.00												
	2014	9	12	76	55		0.00												
	2014	9	13	83	53		0.00												
	2014	9	14	83	52		0.00												
	2014	9	15	87	55		0.00												
	2014	9	16	75	60		0.00												
	2014	9	17	73	62		T												
	2014	9	18	72	62		T												
	2014	9	19	78	65		0.00												
	2014	9	20	74	60		0.00												
	2014	9	21	84	57		0.00												
	2014	9	22	74	61		T												
	2014	9	23	70	61		T												
	2014	9	24	69	61		0.66												
	2014	9	25	73	60		0.27												
	2014	9	26	72	59		0.19												
	2014	9	27	70	56		0.00												
	2014	9	28	67	55		0.00												
	2014	9	29	65	53		T												
	2014	9	30	69	55		0.00												
Summary				75	58		1.12		0										

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"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	10	1	67	54		0.00												
	2014	10	2	69	53		0.00												
	2014	10	3	72	49		0.00												
	2014	10	4	73	56		0.00												
	2014	10	5	74	55		0.00												
	2014	10	6	77	58		0.00												
	2014	10	7	68	58		0.00												
	2014	10	8	68	58		0.00												
	2014	10	9	65	56		0.00												
	2014	10	10	68	52		T												
	2014	10	11	67	55		T												
	2014	10	12	66	55		T												
	2014	10	13	71	53		T												
	2014	10	14	63	55		0.13												
	2014	10	15	62	53		0.44												
	2014	10	16	71	52		T												
	2014	10	17	64	57		0.14												
	2014	10	18	68	59		0.32												
	2014	10	19	74	56		0.00												
	2014	10	20	66	55		0.44												
	2014	10	21	64	55		0.10												
	2014	10	22	60	55		1.47												
	2014	10	23	62	50		0.33												
	2014	10	24	60	50		0.20												
	2014	10	25	64	50		0.37												
	2014	10	26	59	46		0.06												
	2014	10	27	62	44		0.02												
	2014	10	28	62	51		0.44												
	2014	10	29	65	53		0.02												
	2014	10	30	62	54		0.75												
	2014	10	31	59	52		0.70												
Summary				66	54		5.93		0										

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2014	11	1	55	47		0.00												
	2014	11	2	58	44		0.12												
	2014	11	3	60	55		0.24												
	2014	11	4	61	56		0.07												
	2014	11	5	61	53		0.27												
	2014	11	6	65	53		0.22												
	2014	11	7	59	45		0.00												
	2014	11	8	57	43		0.00												
	2014	11	9	57	48		0.29												
	2014	11	10	54	43		0.00												
	2014	11	11	50	36		0.00												
	2014	11	12	47	30		0.00												
	2014	11	13	49	29		0.00												
	2014	11	14	48	27		0.00												
	2014	11	15	50	25		0.00												
	2014	11	16	50	27		0.00												
	2014	11	17	52	27		0.00												
	2014	11	18	49	29		0.00												
	2014	11	19	52	34		T												
	2014	11	20	54	44		0.11												
	2014	11	21	55	49		0.67												
	2014	11	22	52	44		0.03												
	2014	11	23	57	44		0.43												
	2014	11	24	56	39		0.01												
	2014	11	25	60	51		0.33												
	2014	11	26	62	58		0.01												
	2014	11	27	62	56		0.04												
	2014	11	28	58	40		1.39												
	2014	11	29	43	26		0.06												
	2014	11	30	41	25		0.00												
			Summary	54	41		4.29		0										

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations These data are quality controlled and may not be identical to the original observations. Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation:
Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2014	12	1	41	25		0.00												
	2014	12	2	45	27		0.00												
	2014	12	3	49	32		0.00												
	2014	12	4	49	40		0.06												
	2014	12	5	54	45		0.11												
	2014	12	6	56	47		0.25												
	2014	12	7	56	41		T												
	2014	12	8	60	50		0.45												
	2014	12	9	63	50		0.43												
	2014	12	10	69	54		0.49												
	2014	12	11	60	48		0.33												
	2014	12	12	56	45		T												
	2014	12	13	53	41		0.01												
	2014	12	14	58	38		0.00												
	2014	12	15	57	41		0.00												
	2014	12	16	53	43		T												
	2014	12	17	52	43		0.16												
	2014	12	18	51	46		0.60												
	2014	12	19	54	45		0.14												
	2014	12	20	59	46		0.66												
	2014	12	21	58	52		0.00												
	2014	12	22	54	42		0.00												
	2014	12	23	54	43		0.66												
	2014	12	24	47	41		0.12												
	2014	12	25	49	37		0.00												
	2014	12	26	44	39		0.00												
	2014	12	27	52	42		0.12												
	2014	12	28	47	41		0.06												
	2014	12	29	46	35		0.00												
	2014	12	30	40	28		0.00												
	2014	12	31	41	25		0.00												
Summary				52	41		4.65		0										

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moverne nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2015	1	1	44	25		0.00												
	2015	1	2	44	30		0.03												
	2015	1	3	44	34		0.01												
	2015	1	4	54	40		0.21												
	2015	1	5	58	52		0.07												
	2015	1	6	56	46		0.01												
	2015	1	7	50	45		0.00												
	2015	1	8	49	38		0.00												
	2015	1	9	51	40		0.01												
	2015	1	10	48	45		0.19												
	2015	1	11	52	47		0.06												
	2015	1	12	54	44		T												
	2015	1	13	49	41		0.00												
	2015	1	14	46	36		0.00												
	2015	1	15	48	34		0.43												
	2015	1	16	56	43		0.00												
	2015	1	17	55	38		0.84												
	2015	1	18	60	49		0.24												
	2015	1	19	52	45		0.03												
	2015	1	20	52	38		0.00												
	2015	1	21	48	32		0.00												
	2015	1	22	52	45		0.03												
	2015	1	23	57	50		0.08												
	2015	1	24	62	55		0.02												
	2015	1	25	65	49		0.01												
	2015	1	26	65	45		0.00												
	2015	1	27	55	49		0.02												
	2015	1	28	55	45		0.00												
	2015	1	29	56	42		0.00												
	2015	1	30	49	38		0.00												
	2015	1	31	47	40		0.00												
			Summary	53	42		2.29		0										

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2015	2	1	52	43		0.04												
	2015	2	2	55	43		0.30												
	2015	2	3	52	44		0.03												
	2015	2	4	52	43		0.32												
	2015	2	5	60	49		0.90												
	2015	2	6	60	53		0.75												
	2015	2	7	59	51		0.82												
	2015	2	8	60	47		0.15												
	2015	2	9	59	48		0.15												
	2015	2	10	57	49		0.02												
	2015	2	11	57	44		T												
	2015	2	12	81s	48		0.02												
	2015	2	13	72	46		T												
	2015	2	14	60	47		0.06												
	2015	2	15	56	42		0.00												
	2015	2	16	62	44		T												
	2015	2	17	61	42		0.00												
	2015	2	18	57	38		0.00												
	2015	2	19	54	47		0.03												
	2015	2	20	54	50		0.02												
	2015	2	21	56	44		0.00												
	2015	2	22	55	35		T												
	2015	2	23	57	32		T												
	2015	2	24	55	36		0.00												
	2015	2	25	52	45		0.07												
	2015	2	26	55	48		0.26												
	2015	2	27	54	49		0.69												
	2015	2	28	57	37		0.00												
	Summary			58	44		4.63		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2015	3	1	55	32		T												
	2015	3	2	54	38		T												
	2015	3	3	53	32		0.00												
	2015	3	4	56	31		0.00												
	2015	3	5	59	37		0.00												
	2015	3	6	59	39		0.00												
	2015	3	7	63	36		T												
	2015	3	8	64	37		T												
	2015	3	9	57	41		T												
	2015	3	10	60	44		0.02												
	2015	3	11	62	51		0.08												
	2015	3	12	67	52		0.00												
	2015	3	13	67	50		0.09												
	2015	3	14	61	53		0.63												
	2015	3	15	54	46		2.45												
	2015	3	16	58	46		0.00												
	2015	3	17	60	42		0.04												
	2015	3	18	63	46		0.00												
	2015	3	19	63	49		0.01												
	2015	3	20	60	51		0.13												
	2015	3	21	59	49		0.14												
	2015	3	22	56	42		0.07												
	2015	3	23	54	42		0.21												
	2015	3	24	59	46		0.28												
	2015	3	25	61	48		0.13												
	2015	3	26	72	51		0.00												
	2015	3	27	69	50		0.01												
	2015	3	28	64	52		0.00												
	2015	3	29	63	51		0.00												
	2015	3	30	67	54		0.04												
	2015	3	31	57	44		0.36												
			Summary	61	45		4.69		0										

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Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2015	4	1	57	44		0.05												
	2015	4	2	59	43		T												
	2015	4	3	55	43		0.05												
	2015	4	4	58	39		0.00												
	2015	4	5	63	38		T												
	2015	4	6	60	47		T												
	2015	4	7	59	47		0.01												
	2015	4	8	65	44		T												
	2015	4	9	66	44		T												
	2015	4	10	60	48		0.54												
	2015	4	11	56	43		T												
	2015	4	12	59	45		T												
	2015	4	13	54	42		0.55												
	2015	4	14	56	39		0.06												
	2015	4	15	59	38		T												
	2015	4	16	65	39		T												
	2015	4	17	68	45		T												
	2015	4	18	68	48		T												
	2015	4	19	69	46		0.00												
	2015	4	20	74	45		T												
	2015	4	21	65	46		0.16												
	2015	4	22	62	42		T												
	2015	4	23	55	47		0.10												
	2015	4	24	57	45		0.16												
	2015	4	25	58	44		0.01												
	2015	4	26	62	42		0.00												
	2015	4	27	78	54		T												
	2015	4	28	63	52		0.12												
	2015	4	29	65	48		T												
	2015	4	30	65	49		0.00												
Summary				62	45		1.81		0										

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation. Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2015	5	1	66	53		0.00												
	2015	5	2	66	51		0.00												
	2015	5	3	69	44		0.00												
	2015	5	4	65	47		T												
	2015	5	5	62	48		0.25												
	2015	5	6	64	47		T												
	2015	5	7	70	45		0.00												
	2015	5	8	75	47		0.00												
	2015	5	9	80	50		0.00												
	2015	5	10	69	55		0.00												
	2015	5	11	59	54		T												
	2015	5	12	62	55		0.12												
	2015	5	13	57	52		0.13												
	2015	5	14	66	52		T												
	2015	5	15	69	52		0.01												
	2015	5	16	62	55		0.00												
	2015	5	17	69	55		0.00												
	2015	5	18	78	56		0.00												
	2015	5	19	75	57		0.00												
	2015	5	20	74	54		0.00												
	2015	5	21	81	58		0.00												
	2015	5	22	64	56		0.00												
	2015	5	23	64	56		T												
	2015	5	24	66	56		0.00												
	2015	5	25	62	55		0.00												
	2015	5	26	72	56		0.00												
	2015	5	27	78	57		0.00												
	2015	5	28	83	58		0.00												
	2015	5	29	82	59		0.00												
	2015	5	30	75	53		0.00												
	2015	5	31	76	57		0.00												
			Summary	70	53		0.51		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)				Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2015	6	1	64	57		0.09												
	2015	6	2	66	58		T												
	2015	6	3	69	57		0.00												
	2015	6	4	74	57		0.00												
	2015	6	5	80	56		0.00												
	2015	6	6	85	58		0.00												
	2015	6	7	88	61		0.00												
	2015	6	8	86	60		0.00												
	2015	6	9	86	61		0.00												
	2015	6	10	81	55		0.00												
	2015	6	11	79	56		0.00												
	2015	6	12	70	57		0.00												
	2015	6	13	76	52		0.00												
	2015	6	14	81	57		0.00												
	2015	6	15	86	61		0.00												
	2015	6	16	75	55		0.00												
	2015	6	17	78	57		0.00												
	2015	6	18	80	62		T												
	2015	6	19	75	59		0.07												
	2015	6	20	77	58		0.00												
	2015	6	21	81	60		0.00												
	2015	6	22	78	57		0.00												
	2015	6	23	81	55		0.00												
	2015	6	24	79	66		0.00												
	2015	6	25	88	63		0.00												
	2015	6	26	88	67		0.00												
	2015	6	27	92	65		0.00												
	2015	6	28	83	70		T												
	2015	6	29	88	67		0.01												
	2015	6	30	88	62		0.00												
Summary				80	60		0.17		0										

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"s" This data value failed one of NCDC's quality control tests.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2015	7	1	89	65		0.00												
	2015	7	2	92	67		0.00												
	2015	7	3	93	67		0.00												
	2015	7	4	92	62		0.00												
	2015	7	5	91	67		0.00												
	2015	7	6	88	63		0.00												
	2015	7	7	81	60		0.00												
	2015	7	8	86	63		0.00												
	2015	7	9	86	62		0.00												
	2015	7	10	73	65		0.00												
	2015	7	11	74	65		0.00												
	2015	7	12	82	65		0.00												
	2015	7	13	79	65		0.00												
	2015	7	14	82	63		0.00												
	2015	7	15	81	63		0.00												
	2015	7	16	81	64		0.00												
	2015	7	17	83	59		0.00												
	2015	7	18	92	66		0.00												
	2015	7	19	98	67		0.00												
	2015	7	20	82	66		0.00												
	2015	7	21	76	61		0.13												
	2015	7	22	77	61		0.00												
	2015	7	23	81	62		0.00												
	2015	7	24	77	59		0.02												
	2015	7	25	70	61		0.01												
	2015	7	26	73	60		0.10												
	2015	7	27	77	56		0.01												
	2015	7	28	83	61		0.00												
	2015	7	29	89	62		0.00												
	2015	7	30	92	65		0.00												
	2015	7	31	94	66		0.00												
			Summary	84	63		0.27		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)				Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2015	8	1	92	65		0.00												
	2015	8	2	90	64		0.00												
	2015	8	3	85	66		0.00												
	2015	8	4	81	61		0.00												
	2015	8	5	75	58		0.00												
	2015	8	6	79	62		0.00												
	2015	8	7	84	61		0.00												
	2015	8	8	80	63		T												
	2015	8	9	84	60		0.00												
	2015	8	10	85	65		T												
	2015	8	11	87	65		0.00												
	2015	8	12	85	66		0.04												
	2015	8	13	85	63		0.00												
	2015	8	14	68	62		0.82												
	2015	8	15	72	61		T												
	2015	8	16	78	59		0.00												
	2015	8	17	81	60		0.00												
	2015	8	18	84	63		0.00												
	2015	8	19	92	64		0.00												
	2015	8	20	75	61		T												
	2015	8	21	75	61		0.00												
	2015	8	22	79	57		0.00												
	2015	8	23	82	57		0.00												
	2015	8	24	77	56		0.00												
	2015	8	25	78	58		0.00												
	2015	8	26	84	58		0.00												
	2015	8	27	87	61		0.00												
	2015	8	28	76	63		0.01												
	2015	8	29	75	52		0.22												
	2015	8	30	72	59		0.27												
	2015	8	31	68	64		0.05												
	Summary			80	61		1.41		0										

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation. Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information

151 Patton Avenue

Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2015	9	1	68	60		0.18												
	2015	9	2	70	55		0.01												
	2015	9	3	69	54		0.00												
	2015	9	4	66	54		0.00												
	2015	9	5	69	49		0.06												
	2015	9	6	63	56		0.19												
	2015	9	7	74	59		0.00												
	2015	9	8	76	59		0.00												
	2015	9	9	78	59		0.00												
	2015	9	10	76	60		0.01												
	2015	9	11	82	61		0.00												
	2015	9	12	81	61		0.00												
	2015	9	13	72	58		0.03												
	2015	9	14	65	52		0.00												
	2015	9	15	66	52		0.00												
	2015	9	16	70	50		0.05												
	2015	9	17	68	58		0.57												
	2015	9	18	70	56		0.01												
	2015	9	19	74	60		T												
	2015	9	20	76	57		0.09												
	2015	9	21	67	55		0.00												
	2015	9	22	68	47		T												
	2015	9	23	71	48		0.00												
	2015	9	24	76	53		0.00												
	2015	9	25	63	58		0.03												
	2015	9	26	65	54		T												
	2015	9	27	65	46		T												
	2015	9	28	69	53		0.00												
	2015	9	29	73	52		T												
	2015	9	30	68	52		0.00												
Summary				71	55		1.23		0										

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation

Empty, or blank, cells indicate that a data observation was not reported.

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"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2015	10	1	70	51		0.01												
	2015	10	2	62	52		0.01												
	2015	10	3	68	56		0.00												
	2015	10	4	72	53		0.00												
	2015	10	5	73	51		0.00												
	2015	10	6	67	53		0.01												
	2015	10	7	62	59		0.38												
	2015	10	8	71	58		0.00												
	2015	10	9	70	55		0.01												
	2015	10	10	72	59		0.77												
	2015	10	11	67	52		0.00												
	2015	10	12	68	53		0.36												
	2015	10	13	63	52		0.05												
	2015	10	14	63	53		T												
	2015	10	15	68	52		0.00												
	2015	10	16	70	49		0.01												
	2015	10	17	68	57		0.04												
	2015	10	18	62	59		0.16												
	2015	10	19	67	57		T												
	2015	10	20	65	51		0.00												
	2015	10	21	65	49		T												
	2015	10	22	62	47		0.01												
	2015	10	23	59	46		0.00												
	2015	10	24	60	51		0.01												
	2015	10	25	66	48		0.35												
	2015	10	26	58	53		0.09												
	2015	10	27	60	48		0.01												
	2015	10	28	59	54		0.10												
	2015	10	29	62	57		0.02												
	2015	10	30	67	55		0.56												
	2015	10	31	63	54		0.83												
			Summary	65	53		3.79		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Move ment (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2015	11	1	57	51		0.47												
	2015	11	2	56	44		0.07												
	2015	11	3	54	41		0.07												
	2015	11	4	54	37		0.00												
	2015	11	5	55	48		0.01												
	2015	11	6	63	50		0.01												
	2015	11	7	57	52		0.49												
	2015	11	8	56	49		0.38												
	2015	11	9	52	43		0.16												
	2015	11	10	54	38		0.07												
	2015	11	11	55	43		0.04												
	2015	11	12	55	43		0.24												
	2015	11	13	60	52		1.31												
	2015	11	14	52	46		1.66												
	2015	11	15	50	38		0.73												
	2015	11	16	52	35		0.09												
	2015	11	17	61	43		0.74												
	2015	11	18	51	39		0.05												
	2015	11	19	51	37		0.08												
	2015	11	20	51	35		T												
	2015	11	21	52	34		0.00												
	2015	11	22	50	33		T												
	2015	11	23	47	33		0.12												
	2015	11	24	48	41		0.21												
	2015	11	25	49	34		0.00												
	2015	11	26	52	29		T												
	2015	11	27	50	28		T												
	2015	11	28	46	25		T												
	2015	11	29	39	28		T												
	2015	11	30	44	29		0.01												
Summary				52	39		7.01		0										

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

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Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (In)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2015	12	1	53	40		0.39												
	2015	12	2	54	42		0.07												
	2015	12	3	60	49		0.51												
	2015	12	4	53	45		0.12												
	2015	12	5	63	44		0.81												
	2015	12	6	59	46		0.55												
	2015	12	7	56	50		1.07												
	2015	12	8	63	52		1.51												
	2015	12	9	58	46		0.55												
	2015	12	10	56	44		0.63												
	2015	12	11	53	42		0.01												
	2015	12	12	51	44		0.56												
	2015	12	13	50	45		0.11												
	2015	12	14	50	34		T												
	2015	12	15	47	33		0.02												
	2015	12	16	46	37		0.13												
	2015	12	17	47	39		0.82												
	2015	12	18	51	42		0.54												
	2015	12	19	50	39		0.01												
	2015	12	20	49	43		0.19												
	2015	12	21	45	39		0.83												
	2015	12	22	47	34		0.12												
	2015	12	23	43	39		0.09												
	2015	12	24	44	38		0.11												
	2015	12	25	41	36		0.05												
	2015	12	26	41	34		T												
	2015	12	27	42	37		0.32												
	2015	12	28	43	37		0.03												
	2015	12	29	46	32		0.00												
	2015	12	30	44	27		T												
	2015	12	31	43	24		T												
Summary				50	40		10.15		0										

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
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Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

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Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2016	1	1	45	23		T												
	2016	1	2	44	22		T												
	2016	1	3	41	27		0.01												
	2016	1	4	40	37		0.07												
	2016	1	5	44	38		0.11												
	2016	1	6	51	35		T												
	2016	1	7	45	31		T												
	2016	1	8	48	30		T												
	2016	1	9	50	29		T												
	2016	1	10	52	31		0.00												
	2016	1	11	45	37		0.07												
	2016	1	12	49	36		0.52												
	2016	1	13	55	41		0.57												
	2016	1	14	49	35		T												
	2016	1	15	48	30		0.04												
	2016	1	16	54	43		0.41												
	2016	1	17	50	42		0.32												
	2016	1	18	54	40		0.05												
	2016	1	19	48	40		0.46												
	2016	1	20	52	39		0.20												
	2016	1	21	52	45		1.27												
	2016	1	22	57	45		0.27												
	2016	1	23	48	44		0.53												
	2016	1	24	51	38		0.00												
	2016	1	25	54	35		T												
	2016	1	26	56	46		0.27												
	2016	1	27	57	48		0.81												
	2016	1	28	56	46		0.51												
	2016	1	29	52	44		0.18												
	2016	1	30	48	39		0.02												
	2016	1	31	47	36		0.00												
			Summary	50	37		6.69		0										

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Record of Climatological Observations

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Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2016	2	1	46	37		0.25												
	2016	2	2	51	35		0.02												
	2016	2	3	49	39		0.48												
	2016	2	4	49	45		0.05												
	2016	2	5	53	40		0.15												
	2016	2	6	49	35		T												
	2016	2	7	51	35		T												
	2016	2	8	57	37		T												
	2016	2	9	62	37		T												
	2016	2	10	56	43		0.16												
	2016	2	11	55	42		0.38												
	2016	2	12	58	48		0.85												
	2016	2	13																
	2016	2	14																
	2016	2	15	55	51		0.12												
	2016	2	16	56	50		0.01												
	2016	2	17	57	48		0.46												
	2016	2	18	53	45		0.12												
	2016	2	19	51	41		0.49												
	2016	2	20	53	37		T												
	2016	2	21	51	33		0.07												
	2016	2	22	51	38		0.01												
	2016	2	23	60	36		T												
	2016	2	24	59	47		0.02												
	2016	2	25	61	39		T												
	2016	2	26	60	42		0.15												
	2016	2	27	57	45		0.08												
	2016	2	28	53	43		0.69												
	2016	2	29	54	44		0.11												
Summary				54	41		4.67		0										

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Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Generated on 06/30/2016

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2016	3	1	58	44		0.71												
	2016	3	2	55	46		0.27												
	2016	3	3	59	46		0.03												
	2016	3	4	57	38		0.21												
	2016	3	5	64	49		0.20												
	2016	3	6	60	45		0.39												
	2016	3	7	53	40		0.26												
	2016	3	8	54	39		0.05												
	2016	3	9	55	43		0.95												
	2016	3	10	56	39		0.32												
	2016	3	11	55	35		0.36												
	2016	3	12	52	40		0.02												
	2016	3	13	54	41		0.52												
	2016	3	14	49	41		0.06												
	2016	3	15	51	40		0.00												
	2016	3	16	53	40		T												
	2016	3	17	58	37		0.00												
	2016	3	18	63	41		0.00												
	2016	3	19	61	46		T												
	2016	3	20	55	49		0.08												
	2016	3	21	56	47		0.28												
	2016	3	22	57	44		0.01												
	2016	3	23	53	47		0.13												
	2016	3	24	54	44		0.00												
	2016	3	25	57	43		0.00												
	2016	3	26	59	41		0.09												
	2016	3	27	51	39		0.43												
	2016	3	28	56	37		T												
	2016	3	29	64	37		T												
	2016	3	30	68	40		0.00												
	2016	3	31	73	43		0.00												
			Summary	57	42		5.37		0										

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Record of Climatological Observations

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Generated on 06/30/2016

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)		a t O b s e r v a t i o n	Precipitation(see **)				Evaporation		Soil Temperature (F)						
				24 hrs. ending at observation time			24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2016	4	1	71	47		0.00												
	2016	4	2	63	48		0.00												
	2016	4	3	69	45		0.18												
	2016	4	4	60	46		0.11												
	2016	4	5	57	46		0.00												
	2016	4	6	68	43		0.00												
	2016	4	7	77	51		0.00												
	2016	4	8	76	50		0.00												
	2016	4	9	66	47		T												
	2016	4	10	59	48		0.00												
	2016	4	11	58	50		0.00												
	2016	4	12	60	46		0.44												
	2016	4	13	59	45		0.03												
	2016	4	14	59	44		0.17												
	2016	4	15	60	47		0.00												
	2016	4	16	68	43		0.00												
	2016	4	17	77	49		0.00												
	2016	4	18	89	52		0.00												
	2016	4	19	81	53		0.00												
	2016	4	20	81	55		0.00												
	2016	4	21	73	52		T												
	2016	4	22	64	54		0.02												
	2016	4	23	65	53		0.02												
	2016	4	24	55	46		0.35												
	2016	4	25	59	44		0.02												
	2016	4	26	60	43		0.00												
	2016	4	27	61	50		0.00												
	2016	4	28	64	52		0.00												
	2016	4	29	61	50		0.04												
	2016	4	30	68	45		0.00												
	Summary			66	48		1.38		0										

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

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Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2016	5	1	77	50		0.00												
	2016	5	2	87	53		0.00												
	2016	5	3	74	57		0.00												
	2016	5	4	60	54		0.00												
	2016	5	5	68	52		0.00												
	2016	5	6	77	62														
	2016	5	7	82	53		0.00												
	2016	5	8	63	48		0.02												
	2016	5	9	67	47		0.00												
	2016	5	10	75	46		0.00												
	2016	5	11	81	50		0.00												
	2016	5	12	77	51		0.00												
	2016	5	13	82	54		0.00												
	2016	5	14	65	54		0.00												
	2016	5	15	57	54		0.00												
	2016	5	16	60	52		0.00												
	2016	5	17	71	53		0.00												
	2016	5	18	64	52		0.00												
	2016	5	19	63	49		0.22												
	2016	5	20	66	51		0.00												
	2016	5	21	59	52		0.04												
	2016	5	22	66	53		0.00												
	2016	5	23	65	53		0.00												
	2016	5	24	66	57		0.00												
	2016	5	25	66	54		0.00												
	2016	5	26	65	53		0.00												
	2016	5	27	64	50		0.02												
	2016	5	28	64	50		0.03												
	2016	5	29	64	52		0.00												
	2016	5	30	71	49		0.00												
	2016	5	31	79	54		0.00												
	Summary			69	52		0.33		0										

The "" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation. Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: 20 ft. Lat: 47.530° N Lon: 122.301° W

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.
Generated on 06/30/2016

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Station: SEATTLE BOEING FIELD, WA US GHCND:USW00024234

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Moveme nt (mi)	Amount of Evap. (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2016	6	1	75	59		0.00												
	2016	6	2	71	59		0.00												
	2016	6	3	80	57		0.00												
	2016	6	4	81	63		0.00												
	2016	6	5	92	65		0.00												
	2016	6	6	86	65		0.00												
	2016	6	7	85	59		0.00												
	2016	6	8	67	56		T												
	2016	6	9	65	54		0.07												
	2016	6	10	67	51		T												
	2016	6	11	65	52		0.10												
	2016	6	12	70	56		0.00												
	2016	6	13	66	52		T												
	2016	6	14	60	48		0.05												
	2016	6	15	67	45		0.00												
	2016	6	16	71	53		0.00												
	2016	6	17	67	53		0.34												
	2016	6	18	65	51		0.04												
	2016	6	19	70	47		0.00												
	2016	6	20	76	57		0.56												
	2016	6	21	73	56		0.07												
	2016	6	22	75	56		T												
	2016	6	23	68	55		0.36												
	2016	6	24	69	53		0.13												
	2016	6	25	71	57		0.00												
	2016	6	26																
	2016	6	27																
	2016	6	28																
	2016	6	29																
	2016	6	30																
Summary				72	55		1.72		0										

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